D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

December 15, 2014

Heather McTeer Toney
Regional Administrator
U.S. EPA Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta, GA 30303-8909

Re: Revisions to the South Carolina Air Quality Implementation Plan - 2013 End of Year Revisions

Dear Ms. Toney:

The United States Environmental Protection Agency (EPA) promulgates amendments to federal regulations throughout each calendar year. In order to maintain consistency with the appropriate federal revisions, the South Carolina Department of Health and Environmental Control (Department) annually reviews its state regulations and the South Carolina Air Quality Implementation Plan (also known as the State Implementation Plan or SIP), and incorporates germane federal rules from the previous year.

This package before you for approval includes the Department's efforts to incorporate EPA regulations promulgated in 2013. The majority of this package includes amendments made to Regulation 61-62.60, *South Carolina Designated Facility Plan and New Source Performance Standards*, and Regulation 61-62.63, *National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories*, to incorporate by reference recent federal amendments promulgated from January 1, 2013, through December 31, 2013. These elements are not part of the federally approved SIP.

The specific SIP elements that the Department seeks final EPA approval of are those that amend Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, to incorporate the EPA's revision to the National Ambient Air Quality Standards for Fine Particulate Matter ("$PM_{2.5}$"), Sulfur Dioxide ("SO_2"), and Nitrogen Dioxide ("NO_2") set forth in 40 C.F.R. Part 50. Also, amendments to Regulation 61-62, *Air Pollution Control Regulations and Standards* include corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary (see Appendices 1 and 2).

The Department published a public notice of drafting in the *State Register* on March 28, 2014, and a public notice seeking comment on the aforementioned revisions to the SIP in the South Carolina *State Register* on June 27, 2014 (see Appendix 3). The Department received comments from EPA, which were accepted.

The Department held a public hearing for these revisions before the South Carolina Board of Health and Environmental Control on September 11, 2014, at which the Department received no comments. A transcript of this hearing is included as Appendix 4. The Department published a final notice to revise the aforementioned portion of the SIP in the South Carolina *State Register* on September 26, 2014, at which time it became state effective (see Appendix 5).

Enclosed with this letter is a hard copy and electronic version of the SIP revisions; the electronic version provided on CD is an exact duplication of the enclosed hard copy. The Department appreciates the assistance provided by you and your staff regarding the formulation of this plan for which EPA approval is requested. Should you or your staff have any questions or comments concerning this SIP revision, please contact Myra C. Reece, Chief of the Bureau of Air Quality (BAQ), at (803) 898-4102 or reecemc@dhec.sc.gov.

Sincerely,

Elizabeth A. Dieck
Director of Environmental Affairs
SC DHEC

ec: R. Scott Davis III, Chief, Air Planning Branch, EPA Region 4
Lynorae Benjamin, Chief, Regulatory Development Section, EPA Region 4
David (Brad) Akers, Regulatory Development Section, EPA Region 4
Rhonda Banks Thompson, P.E., Assistant Chief, BAQ, SC DHEC
Robert J. Brown, Director, Division of Air Assessment and Regulation, BAQ, SC DHEC
Maeve Mason, Manager, Regulation and SIP Management Section, BAQ, SC DHEC

ENCLOSURE

Appendix 1.	Text of Final Regulation (Highlight/Strikeout Version)
Appendix 2.	Text of Final Regulation (Clean Version)
Appendix 3.	Notice of Drafting in March 28, 2014, *State Register* and Notice of Proposed Regulation in June 27, 2014, *State Register*
Appendix 4.	Board Public Hearing Transcript
Appendix 5.	Notice of Final Regulation in September 26, 2014, *State Register*
Appendix 6.	Copy of Legal Authority

Table of Contents
(Click for Page View)

Appendix 1

Text of Final Regulation (Highlight/Strikeout Version)

SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
AIR POLLUTION CONTROL REGULATIONS AND STANDARDS

REGULATION 61-62.5
AIR POLLUTION CONTROL STANDARDS

STANDARD NO. 2
AMBIENT AIR QUALITY STANDARDS

The following table, unless otherwise noted, constitutes the primary and secondary ambient air quality standards for the State of South Carolina. The computations for determining if the applicable standard is met, along with the analytical methods to be used, will be those applicable Federal Reference Methods and Interpretations published in the Appendices to 40 Code of Federal Regulations (CFR) 50, or those methods designated as Federal Equivalent Methods (FEM) in accordance with 40 CFR 53. In the case of Gaseous Fluorides, either the double paper tape sampler method (ASTM D-3266-91 or later), the sodium bicarbonate-coated glass tube and particulate filter method (ASTM D-3268-91 or later), or an approved method may be used.

Pollutant	**Reference**	**Measuring Interval**	**Standard Level**			
			mg/m^3	**$\mu g/m^3$**	**ppm**	**ppb**
Sulfur Dioxide	40 CFR 50.4 40 CFR 50.5	3 hour (secondary)	-	1300	0.5	-
		~~24 hour (primary)~~	-	~~365~~	~~0.14~~	-
		~~Annual (primary)~~	-	~~80~~	~~0.030~~	-
	40 CFR 50.17	1 hour (primary)				75
PM_{10}	40 CFR 50.6	24 hour	-	150	-	-
$PM_{2.5}$	40 CFR 50.13	24 hour (primary)	-	35	-	-
	40 CFR 50.18	Annual (primary)	-	~~15~~ 12	-	-
		24 hour (secondary)	-	35	-	-
		Annual (secondary)	-	15	-	-
Carbon Monoxide	40 CFR 50.8	1 hour (no secondary)	40	-	35	-
		8 hour (no secondary)	10	-	9	-

Pollutant	Reference	Measuring Interval	Standard Level			
			mg/m^3	$\mu g/m^3$	ppm	ppb
Ozone	40 CFR 50.10	8 hour (1997)	-	-	0.08	-
	40 CFR 50.15	8 hour (2008)	-	-	0.075	-
Gaseous Fluorides (as HF)	State Regulation (1978)	12 hour	-	3.7	-	-
		24 hour	-	2.9	-	-
		1 week	-	1.6	-	-
		1 month	-	0.8	-	-
Nitrogen Dioxide	40 CFR 50.11	Annual	-	100	0.053	53
		1-hour				100
Lead	40 CFR 50.16	Rolling 3-month Average	-	0.15	-	-

R. 61-62.5, Standard No. 2 History - *South Carolina State Register*:

Vol. 9, Issue No. 5, (Doc. No. 457), May 24, 1985;
Vol. 12, Issue No. 4, (Doc. No. 970), April 22, 1988;
Vol. 13, Issue No. 2, (Doc. No. 868), February 24, 1989;
Vol. 28, Issue No. 9, (Doc. No. 2912), September 24, 2004;
Vol. 32, Issue No. 10, (Doc. No. 3224), October 24, 2008;
Vol. 33, Issue No. 10, (Doc. No. 4082), October 23, 2009;
Vol. 36, Issue No. 4, (Doc. No. 4280), April 27, 2012;
Vol. 36, Issue No. 9, (Errata), September 28, 2012;
Vol. 38, Issue No. 9, (Doc. No. 4465), September 26, 2014.

SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

AIR POLLUTION CONTROL REGULATIONS AND STANDARDS

REGULATION 61-62.60
SOUTH CAROLINA DESIGNATED FACILITY PLAN AND NEW SOURCE PERFORMANCE STANDARDS

Note: Facilities subject to the regulations listed below may be subject to additional requirements specified elsewhere in Regulation 61-62, Air Pollution Control Regulations and Standards.

Subpart A - "General Provisions"

The provisions of 40 Code of Federal Regulations (CFR) Part 60 Subpart A, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 38	October 15, 1973	[38 FR 28565]
Revision	Vol. 39	March 8, 1974	[39 FR 9314]
Revision	Vol. 39	November 12, 1974	[39 FR 39873]
Revision	Vol. 40	April 25, 1975	[40 FR 18169]
Revision	Vol. 40	October 6, 1975	[40 FR 46254]
Revision	Vol. 40	November 17, 1975	[40 FR 53346]
Revision	Vol. 40	December 16, 1975	[40 FR 58418]
Revision	Vol. 40	December 22, 1975	[40 FR 59205]
Revision	Vol. 41	August 20, 1976	[41 FR 35185]
Revision	Vol. 42	July 19, 1977	[42 FR 37000]
Revision	Vol. 42	July 27, 1977	[42 FR 38178]
Revision	Vol. 42	November 1, 1977	[42 FR 57126]
Revision	Vol. 43	March 3, 1978	[43 FR 8800]
Revision	Vol. 43	August 3, 1978	[43 FR 34347]
Revision	Vol. 44	June 11, 1979	[44 FR 33612]
Revision	Vol. 44	September 25, 1979	[44 FR 55173]
Revision	Vol. 45	January 23, 1980	[45 FR 5617]
Revision	Vol. 45	April 4, 1980	[45 FR 23379]
Revision	Vol. 45	December 24, 1980	[45 FR 85415]
Revision	Vol. 47	January 8, 1982	[47 FR 951]
Revision	Vol. 47	July 23, 1982	[47 FR 31876]
Revision	Vol. 48	March 30, 1983	[48 FR 13326]
Revision	Vol. 48	May 25, 1983	[48 FR 23610]
Revision	Vol. 48	July 20, 1983	[48 FR 32986]

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 48	October 18, 1983	[48 FR 48335]
Revision	Vol. 50	December 27, 1985	[50 FR 53113]
Revision	Vol. 51	January 15, 1986	[51 FR 1790]
Revision	Vol. 51	January 21, 1986	[51 FR 2701]
Revision	Vol. 51	November 25, 1986	[51 FR 42796]
Revision	Vol. 52	March 26, 1987	[52 FR 9781, 9782]
Revision	Vol. 52	April 8, 1987	[52 FR 11428]
Revision	Vol. 52	May 11, 1987	[52 FR 17555]
Revision	Vol. 52	June 4, 1987	[52 FR 21007]
Revision	Vol. 54	February 14, 1989	[54 FR 6662]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	December 13, 1990	[55 FR 51382]
Revision	Vol. 57	July 21, 1992	[57 FR 32338, 32339]
Revision	Vol. 59	March 16, 1994	[59 FR 12427, 12428]
Revision	Vol. 59	September 15, 1994	[59 FR 47265]
Revision	Vol. 61	March 12, 1996	[61 FR 9919]
Revision	Vol. 62	February 24, 1997	[62 FR 8328]
Revision	Vol. 62	September 15, 1997	[62 FR 48348]
Revision	Vol. 63	May 4, 1998	[63 FR 24444]
Revision	Vol. 64	February 12, 1999	[64 FR 7463]
Revision	Vol. 65	August 10, 2000	[65 FR 48914]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 6, 2000	[65 FR 76350, 76378]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	February 6, 2001	[66 FR 9034]
Revision	Vol. 67	June 28, 2002	[67 FR 43550]
Revision	Vol. 68	April 14, 2003	[68 FR 17990]
Revision	Vol. 68	May 28, 2003	[68 FR 31611]
Revision	Vol. 69	July 8, 2004	[69 FR 41346]
Revision	Vol. 70	December 16, 2005	[70 FR 74870]
Revision	Vol. 71	June 1, 2006	[71 FR 31100]
Revision	Vol. 71	July 6, 2006	[71 FR 38482]
Revision	Vol. 72	May 16, 2007	[72 FR 27437]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	April 3, 2008	[73 FR 18162]
Revision	Vol. 73	May 6, 2008	[73 FR 24870]
Revision	Vol. 73	May 27, 2008	[73 FR 30308]
Revision	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 74	October 8, 2009	[74 FR 51950]
Revision	Vol. 74	December 17, 2009	[74 FR 66921]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 75	September 13, 2010	[75 FR 55636]
Revision	Vol. 76	January 18, 2011	[76 FR 2832]
Revision	Vol. 76	March 21, 2011	[76 FR 15372]
Revision	Vol. 76	March 21, 2011	[76 FR 15704]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	August 14, 2012	[77 FR 48433]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Subpart B - "Adoption and Submittal of State Plans for Designated Facilities"

The provisions of 40 CFR Part 60 Subpart B, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart B			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	November 17, 1975	[40 FR 53346]
Revision	Vol. 44	November 9, 1979	[44 FR 65071]
Revision	Vol. 54	December 20, 1989	[54 FR 52189]
Revision	Vol. 60	December 19, 1995	[60 FR 65387]
Revision	Vol. 65	December 6, 2000	[65 FR 76378]
Revision	Vol. 70	October 13, 2005	[70 FR 59848]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]

Subpart C - "Emission Guidelines and Compliance Times"

The provisions of 40 CFR Part 60 Subpart C, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart C			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 42	October 18, 1977	[42 FR 55797]
Revision	Vol. 60	December 19, 1995	[60 FR 65387]
Revision	Vol. 61	March 12, 1996	[61 FR 9905]
Revision	Vol. 62	September 15, 1997	[62 FR 48348]

Subpart Ca - [Reserved]

Subpart Cb - "Emission Guidelines and Compliance Times for Large Municipal Waste Combustors That Are Constructed on or Before September 20, 1994"

The provisions of 40 CFR Part 60 Subpart Cb, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Cb			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 19, 1995	[60 FR 65415]
Revision	Vol. 62	August 25, 1997	[62 FR 45119, 45120]
Revision	Vol. 62	August 25, 1997	[62 FR 45125]
Revision	Vol. 69	July 14, 2004	[69 FR 42117]
Revision	Vol. 71	May 10, 2006	[71 FR 27324]

Subpart Cc - "Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills"

The provisions of 40 CFR Part 60 Subpart Cc, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Cc			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	March 12, 1996	[61 FR 9905]
Revision	Vol. 63	June 16, 1998	[63 FR 32743]
Revision	Vol. 64	February 24, 1999	[64 FR 9258]

Subpart Cd - "Emission Guidelines and Compliance Times for Sulfuric Acid Production Units"

The provisions of 40 CFR Part 60 Subpart Cd, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Cd			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 19, 1995	[60 FR 65414]

Subpart Ce - "Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators"

The provisions of 40 CFR Part 60 Subpart Ce, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ce			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	September 15, 1997	[62 FR 48379]

40 CFR Part 60 Subpart Ce			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 76	April 4, 2011	[76 FR 18407]

Subpart D - "Standards of Performance for Fossil-Fuel-Fired Steam Generators"

The provisions of 40 CFR Part 60 Subpart D, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart D			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	June 14, 1974	[39 FR 20791]
Revision	Vol. 40	January 16, 1975	[40 FR 2803]
Revision	Vol. 40	October 6, 1975	[40 FR 46256]
Revision	Vol. 41	November 22, 1976	[41 FR 51398]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 42	December 5, 1977	[42 FR 61537]
Revision	Vol. 43	March 7, 1978	[43 FR 9278]
Revision	Vol. 44	June 17, 1979	[44 FR 33612]
Revision	Vol. 44	December 28, 1979	[44 FR 76787]
Revision	Vol. 45	May 29, 1980	[45 FR 36077]
Revision	Vol. 45	July 14, 1980	[45 FR 47146]
Revision	Vol. 46	November 24, 1981	[46 FR 57498]
Revision	Vol. 48	January 27, 1983	[48 FR 3736]
Revision	Vol. 51	November 25, 1986	[51 FR 42797]
Revision	Vol. 52	August 4, 1987	[52 FR 28954]
Revision	Vol. 54	February 14, 1989	[54 FR 6662]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 61	September 24, 1996	[61 FR 49976]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]

Subpart Da - "Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978"

The provisions of 40 CFR Part 60 Subpart Da, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Da			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 44	June 11, 1979	[44 FR 33613]
Revision	Vol. 48	January 27, 1983	[48 FR 3737]
Revision	Vol. 54	February 14, 1989	[54 FR 6663]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 55	May 7, 1990	[55 FR 18876]
Revision	Vol. 63	September 16, 1998	[63 FR 49453, 49454]
Revision	Vol. 64	February 12, 1999	[64 FR 7464]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 66	April 10, 2001	[66 FR 18546]
Revision	Vol. 66	June 11, 2001	[66 FR 31177]
Revision	Vol. 66	August 14, 2001	[66 FR 42608]
Revision	Vol. 71	February 27, 2006	[71 FR 9866]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 19, 2012	[77 FR 23399]
Revision	Vol.78	April 24, 2013	[78 FR 24073

Subpart Db - "Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units"

The provisions of 40 CFR Part 60 Subpart Db, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Db			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 52	December 16, 1987	[52 FR 47842]
Revision	Vol. 54	December 18, 1989	[54 FR 51819, 51820]
Revision	Vol. 54	December 18, 1989	[54 FR 51825]
Revision	Vol. 55	May 7, 1990	[55 FR 18876]
Revision	Vol. 60	May 30, 1995	[60 FR 28062]
Revision	Vol. 61	March 29, 1996	[61 FR 14031]
Revision	Vol. 62	October 8, 1997	[62 FR 52641]
Revision	Vol. 63	September 16, 1998	[63 FR 49455]
Revision	Vol. 64	February 12, 1999	[64 FR 7464]
Revision	Vol. 65	March 13, 2000	[65 FR 13242]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 66	April 10, 2001	[66 FR 18546]
Revision	Vol. 66	June 11, 2001	[66 FR 31177]

40 CFR Part 60 Subpart Db			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 66	August 14, 2001	[66 FR 42608]
Revision	Vol. 66	October 1, 2001	[66 FR 49830]
Revision	Vol. 71	February 27, 2006	[71 FR 9866]
Revision	Vol. 71	November 16, 2006	[71 FR 66681]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]

Subpart Dc - "Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units"

The provisions of 40 CFR Part 60 Subpart Dc, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Dc			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 55	September 12, 1990	[55 FR 37683]
Revision	Vol. 61	May 8, 1996	[61 FR 20736]
Revision	Vol. 64	February 12, 1999	[64 FR 7465]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	February 27, 2006	[71 FR 9866]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]

Subpart E - "Standards of Performance for Incinerators"

The provisions of 40 CFR Part 60 Subpart E, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart E			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	June 14, 1974	[39 FR 20792]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 54	February 14, 1989	[54 FR 6665]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 56	February 11, 1991	[56 FR 5507]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

40 CFR Part 60 Subpart E			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 71	May 10, 2006	[71 FR 27324]

Subpart Ea - "Standards of Performance for Municipal Waste Combustors for Which Construction Is Commenced After December 20, 1989, and on or Before September 20, 1994"

The provisions of 40 CFR Part 60 Subpart Ea, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ea			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 56	February 11, 1991	[56 FR 5507]
Revision	Vol. 60	December 19, 1995	[60 FR 65384]
Revision	Vol. 64	February 12, 1999	[64 FR 7465]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Eb - "Standards of Performance for Large Municipal Waste Combustors for Which Construction Is Commenced After September 20, 1994, or for Which Modification or Reconstruction Is Commenced After June 19, 1996"

The provisions of 40 CFR Part 60 Subpart Eb, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Eb			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 19, 1995	[60 FR 65419]
Revision	Vol. 62	August 25, 1997	[62 FR 45120, 45121]
Revision	Vol. 62	August 25, 1997	[62 FR 45125, 45126]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 66	July 12, 2001	[66 FR 36473]
Revision	Vol. 66	November 16, 2001	[66 FR 57824]
Revision	Vol. 71	May 10, 2006	[71 FR 27324]

Subpart Ec - "Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for Which Construction Is Commenced After June 20, 1996"

The provisions of 40 CFR Part 60 Subpart Ec, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ec			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	September 15, 1997	[62 FR 48382]

40 CFR Part 60 Subpart Ec			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	October 30, 2003	[68 FR 61759]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 76	April 4, 2011	[76 FR 18407]
Revision	Vol. 78	May 13, 2013	[78 FR 28052]

Subpart F - "Standards of Performance for Portland Cement Plants"

The provisions of 40 CFR Part 60 Subpart F, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	June 14, 1974	[39 FR 20793]
Revision	Vol. 39	November 12, 1974	[39 FR 39874]
Revision	Vol. 40	October 6, 1975	[40 FR 46258]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 53	December 14, 1988	[53 FR 50363]
Revision	Vol. 54	February 14, 1989	[54 FR 6666]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 78	February 12, 2013	[78 FR 10006]

Subpart G - "Standards of Performance for Nitric Acid Plants"

The provisions of 40 CFR Part 60 Subpart G, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart G			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	June 14, 1974	[39 FR 20794]
Revision	Vol. 40	October 6, 1975	[40 FR 46258]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 50	April 22, 1985	[50 FR 15894]
Revision	Vol. 54	February 14, 1989	[54 FR 6666]
Revision	Vol. 77	August 14, 2012	[77 FR 48433]

Subpart Ga - "Standards of Performance for Nitric Acid Plants for Which Construction, Reconstruction, or Modification Commenced After October 14, 2011"

The provisions of 40 CFR Part 60 Subpart Ga, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ga			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	August 14, 2012	[77 FR 48433]

Subpart H - "Standards of Performance for Sulfuric Acid Plants"

The provisions of 40 CFR Part 60 Subpart H, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart H			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	June 14, 1974	[39 FR 20794]
Revision	Vol. 40	October 6, 1975	[40 FR 46258]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 48	September 29, 1983	[48 FR 44700]
Revision	Vol. 48	October 20, 1983	[48 FR 48669]
Revision	Vol. 54	February 14, 1989	[54 FR 6666]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart I - "Standards of Performance for Hot Mix Asphalt Facilities"

The provisions of 40 CFR Part 60 Subpart I, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart I			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9314]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 51	April 10, 1986	[51 FR 12325]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]

Subpart J - "Standards of Performance for Petroleum Refineries"

The provisions of 40 CFR Part 60 Subpart J, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart J

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9315]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	June 24, 1977	[42 FR 32427]
Revision	Vol. 42	August 4, 1977	[42 FR 39389]
Revision	Vol. 43	March 15, 1978	[43 FR 10868]
Revision	Vol. 44	March 12, 1979	[44 FR 13481]
Revision	Vol. 44	October 25, 1979	[44 FR 61543]
Revision	Vol. 45	December 1, 1980	[45 FR 79453]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 50	August 5, 1985	[50 FR 31701]
Revision	Vol. 51	November 26, 1986	[51 FR 42842]
Revision	Vol. 52	June 1, 1987	[52 FR 20392]
Revision	Vol. 53	October 21, 1988	[53 FR 41333]
Revision	Vol. 54	August 17, 1989	[54 FR 34026]
Revision	Vol. 55	October 2, 1990	[55 FR 40175]
Revision	Vol. 56	February 4, 1991	[56 FR 4176]
Revision	Vol. 64	February 12, 1999	[64 FR 7465]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	September 21, 2006	[71 FR 55119]
Revision	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 76	February 25, 2011	[76 FR 10524]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]

Subpart Ja - "Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007"

The provisions of 40 CFR Part 60 Subpart Ja, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ja			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 73	July 28, 2008	[73 FR 43626]
Revision	Vol. 73	September 26, 2008	[73 FR 55751]
Revision	Vol. 73	December 22, 2008	[73 FR 78546]
Revision	Vol. 73	December 22, 2008	[73 FR 78549]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]
Revision	Vol. 78	December 19, 2013	[78 FR 76753]

Subpart K - "Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978"

The provisions of 40 CFR Part 60 Subpart K, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart K			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9317]
Revision	Vol. 39	April 17, 1974	[39 FR 13776]
Revision	Vol. 39	June 14, 1974	[39 FR 20794]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 45	April 4, 1980	[45 FR 23379]
Revision	Vol. 48	January 27, 1983	[48 FR 3737]
Revision	Vol. 52	April 8, 1987	[52 FR 11429]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Ka - "Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984"

The provisions of 40 CFR Part 60 Subpart Ka, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ka			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 45	April 4, 1980	[45 FR 23379]
Revision	Vol. 45	December 18, 1980	[45 FR 83229]
Revision	Vol. 48	January 27, 1983	[48 FR 3737]
Revision	Vol. 52	April 8, 1987	[52 FR 11429]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]

Subpart Kb - "Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984"

The provisions of 40 CFR Part 60 Subpart Kb, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Kb			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 52	April 8, 1987	[52 FR 11429]
Revision	Vol. 52	June 16, 1987	[52 FR 22780]
Revision	Vol. 54	August 11, 1989	[54 FR 32973]
Revision	Vol. 62	October 8, 1997	[62 FR 52641]

40 CFR Part 60 Subpart Kb			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 68	October 15, 2003	[68 FR 59328]

Subpart L - "Standards of Performance for Secondary Lead Smelters"

The provisions of 40 CFR Part 60 Subpart L, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart L			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9317]
Revision	Vol. 39	April 17, 1974	[39 FR 13776]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart M - "Standards of Performance for Secondary Brass and Bronze Production Plants"

The provisions of 40 CFR Part 60 Subpart M, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart M			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9318]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 49	October 30, 1984	[49 FR 43618]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart N - "Standards of Performance for Primary Emissions from Basic Oxygen Process Furnaces for Which Construction Is Commenced After June 11, 1973"

The provisions of 40 CFR Part 60 Subpart N, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart N			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9318]

40 CFR Part 60 Subpart N			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 43	April 13, 1978	[43 FR 15602]
Revision	Vol. 51	January 2, 1986	[51 FR 160]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Na - "Standards of Performance for Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction Is Commenced After January 20, 1983"

The provisions of 40 CFR Part 60 Subpart Na, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Na			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 51	January 2, 1986	[51 FR 161]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart O - "Standards of Performance for Sewage Treatment Plants"

The provisions of 40 CFR Part 60 Subpart O, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart O			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	March 8, 1974	[39 FR 9319]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	November 10, 1977	[42 FR 58521]
Revision	Vol. 53	October 6, 1988	[53 FR 39416]
Revision	Vol. 54	February 14, 1989	[54 FR 6668]
Revision	Vol. 54	June 27, 1989	[54 FR 27015]
Revision	Vol. 58	April 7, 1993	[58 FR 18014]
Revision	Vol. 59	February 3, 1994	[59 FR 5108]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart P - "Standards of Performance for Primary Copper Smelters"

The provisions of 40 CFR Part 60 Subpart P, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart P			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	January 15, 1976	[41 FR 2338]
Revision	Vol. 41	February 26, 1976	[41 FR 8346]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 42	November 1, 1977	[42 FR 57126]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Q - "Standards of Performance for Primary Zinc Smelters"

The provisions of 40 CFR Part 60 Subpart Q, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Q			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	January 15, 1976	[41 FR 2340]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 54	February 14, 1989	[54 FR 6669]

Subpart R - "Standards of Performance for Primary Lead Smelters"

The provisions of 40 CFR Part 60 Subpart R, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart R			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	January 15, 1976	[41 FR 2340]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 54	February 14, 1989	[54 FR 6669]

Subpart S - "Standards of Performance for Primary Aluminum Reduction Plants"

The provisions of 40 CFR Part 60 Subpart S, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 45	June 30, 1980	[45 FR 44207]

40 CFR Part 60 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 54	February 14, 1989	[54 FR 6669]
Revision	Vol. 62	October 7, 1997	[62 FR 52399]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart T - "Standards of Performance for the Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants"

The provisions of 40 CFR Part 60 Subpart T, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart T			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33154]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	February 17, 1983	[48 FR 7129]
Revision	Vol. 54	February 14, 1989	[54 FR 6669]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart U - "Standards of Performance for the Phosphate Fertilizer Industry: Superphosphoric Acid Plants"

The provisions of 40 CFR Part 60 Subpart U, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart U			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33155]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	February 17, 1983	[48 FR 7129]
Revision	Vol. 54	February 14, 1989	[54 FR 6670]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart V - "Standards of Performance for the Phosphate Fertilizer Industry: Diammonium Phosphate Plants"

The provisions of 40 CFR Part 60 Subpart V, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart V			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33155]

40 CFR Part 60 Subpart V			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	February 17, 1983	[48 FR 7129]
Revision	Vol. 54	February 14, 1989	[54 FR 6670]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart W - "Standards of Performance for the Phosphate Fertilizer Industry: Triple Superphosphate Plants"

The provisions of 40 CFR Part 60 Subpart W, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart W			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33156]
Revision	Vol. 42	July 25, 1977	[42 FR 37938]
Revision	Vol. 48	February 17, 1983	[48 FR 7129]
Revision	Vol. 54	February 14, 1989	[54 FR 6670]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart X - "Standards of Performance for the Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities"

The provisions of 40 CFR Part 60 Subpart X, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33156]
Revision	Vol. 42	July 25, 1977	[42 FR 37938]
Revision	Vol. 54	February 14, 1989	[54 FR 6670]
Revision	Vol. 62	April 15, 1997	[62 FR 18280]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Y - "Standards of Performance for Coal Preparation and Processing Plants"

The provisions of 40 CFR Part 60 Subpart Y, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Y			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 60 Subpart Y			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	January 15, 1976	[41 FR 2234]
Revision	Vol. 42	July 25, 1977	[42 FR 37938]
Revision	Vol. 42	September 7, 1977	[42 FR 44812]
Revision	Vol. 48	January 27, 1983	[42 FR 3738]
Revision	Vol. 54	February 14, 1989	[54 FR 6671]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 74	October 8, 2009	[74 FR 51950]

Subpart Z - "Standards of Performance for Ferroalloy Production Facilities"

The provisions of 40 CFR Part 60 Subpart Z, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Z			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	May 4, 1976	[41 FR 18501]
Revision	Vol. 41	May 20, 1976	[41 FR 20659]
Revision	Vol. 42	July 25, 1977	[42 FR 37938]
Revision	Vol. 48	January 27, 1983	[42 FR 3738]
Revision	Vol. 54	February 14, 1989	[54 FR 6671]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart AA - "Standards of Performance for Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974, and on or Before August 17, 1983"

The provisions of 40 CFR Part 60 Subpart AA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart AA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	September 23, 1975	[40 FR 43852]
Revision	Vol. 49	October 31, 1984	[49 FR 43843]
Revision	Vol. 54	February 14, 1989	[54 FR 6672]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	March 2, 1999	[64 FR 10109, 10110]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 70	February 22, 2005	[70 FR 8523]

Subpart AAa - "Standards of Performance for Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 17, 1983"

The provisions of 40 CFR Part 60 Subpart AAa, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart AAa			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	October 31, 1984	[49 FR 43845]
Revision	Vol. 54	February 14, 1989	[54 FR 6672]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	March 2, 1999	[64 FR 10110, 10111]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 70	February 22, 2005	[70 FR 8523]

Subpart BB - "Standards of Performance for Kraft Pulp Mills"

The provisions of 40 CFR Part 60 Subpart BB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart BB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 43	February 23, 1978	[43 FR 7572]
Revision	Vol. 50	February 14, 1985	[50 FR 6317]
Revision	Vol. 51	May 20, 1986	[51 FR 18544]
Revision	Vol. 54	February 14, 1989	[54 FR 6673]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	September 21, 2006	[71 FR 55119]

Subpart CC - "Standards of Performance for Glass Manufacturing Plants"

The provisions of 40 CFR Part 60 Subpart CC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 45	October 7, 1980	[45 FR 66751]
Revision	Vol. 49	October 19, 1984	[49 FR 41035]
Revision	Vol. 54	February 14, 1989	[54 FR 6674]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	February 12, 1999	[64 FR 7466]

40 CFR Part 60 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart DD - "Standards of Performance for Grain Elevators"

The provisions of 40 CFR Part 60 Subpart DD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart DD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 43	August 3, 1978	[43 FR 34347]
Revision	Vol. 52	November 5, 1988	[54 FR 42434]
Revision	Vol. 54	February 14, 1989	[54 FR 6674]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart EE - "Standards of Performance for Surface Coating of Metal Furniture"

The provisions of 40 CFR Part 60 Subpart EE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart EE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	October 29, 1982	[47 FR 49287]
Revision	Vol. 50	April 30, 1985	[50 FR 18248]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart FF - [Reserved]

Subpart GG - "Standards of Performance for Stationary Gas Turbines"

The provisions of 40 CFR Part 60 Subpart GG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart GG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 44	September 10, 1979	[44 FR 52798]
Revision	Vol. 47	January 27, 1982	[47 FR 3770]
Revision	Vol. 52	November 5, 1987	[52 FR 42434]
Revision	Vol. 54	February 14, 1989	[54 FR 6674]
Revision	Vol. 54	June 27, 1989	[54 FR 27016]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

40 CFR Part 60 Subpart GG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 68	April 14, 2003	[68 FR 17990]
Revision	Vol. 69	July 8, 2004	[69 FR 41346]
Revision	Vol. 71	February 24, 2006	[71 FR 9453]

Subpart HH - "Standards of Performance for Lime Manufacturing Plants"

The provisions of 40 CFR Part 60 Subpart HH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart HH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	April 26, 1984	[49 FR 18080]
Revision	Vol. 52	February 17, 1987	[52 FR 4773]
Revision	Vol. 54	February 14, 1989	[54 FR 6675]
Revision	Vol. 58	April 7, 1993	[58 FR 18014]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart II - [Reserved]

Subpart JJ - [Reserved]

Subpart KK - "Standards of Performance for Lead-Acid Battery Manufacturing Plants"

The provisions of 40 CFR Part 60 Subpart KK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart KK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	April 16, 1982	[47 FR 16573]
Revision	Vol. 54	February 14, 1989	[54 FR 6675]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart LL - "Standards of Performance for Metallic Mineral Processing Plants"

The provisions of 40 CFR Part 60 Subpart LL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart LL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	February 21, 1984	[49 FR 6464]
Revision	Vol. 54	February 14, 1989	[54 FR 6676]

40 CFR Part 60 Subpart LL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart MM - "Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations"

The provisions of 40 CFR Part 60 Subpart MM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart MM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 45	December 24, 1980	[45 FR 85415]
Revision	Vol. 48	February 4, 1983	[48 FR 5454]
Revision	Vol. 50	September 9, 1985	[50 FR 36834]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 59	October 11, 1994	[59 FR 51386]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart NN - "Standards of Performance for Phosphate Rock Plants"

The provisions of 40 CFR Part 60 Subpart NN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart NN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	April 16, 1982	[47 FR 16589]
Revision	Vol. 54	February 14, 1989	[54 FR 6676]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	February 12, 1999	[64 FR 7466]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart OO - [Reserved]

Subpart PP - "Standards of Performance for Ammonium Sulfate Manufacture"

The provisions of 40 CFR Part 60 Subpart PP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart PP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 45	November 12, 1980	[45 FR 74850]
Revision	Vol. 54	February 14, 1989	[54 FR 6676]

40 CFR Part 60 Subpart PP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart QQ - "Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing"

The provisions of 40 CFR Part 60 Subpart QQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart QQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	November 8, 1982	[45 FR 50649]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart RR - "Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations"

The provisions of 40 CFR Part 60 Subpart RR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart RR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 48	October 18, 1983	[48 FR 48375]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart SS - "Standards of Performance for Industrial Surface Coating: Large Appliances"

The provisions of 40 CFR Part 60 Subpart SS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart SS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	October 27, 1982	[47 FR 47785]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart TT - "Standards of Performance for Metal Coil Surface Coating"

The provisions of 40 CFR Part 60 Subpart TT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart TT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	November 1, 1982	[47 FR 49612]
Revision	Vol. 48	January 10, 1983	[48 FR 1056]
Revision	Vol. 51	June 24, 1986	[51 FR 22938]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 56	May 3, 1991	[56 FR 20497]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart UU - "Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture"

The provisions of 40 CFR Part 60 Subpart UU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart UU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	August 6, 1982	[47 FR 34143]
Revision	Vol. 54	February 14, 1989	[54 FR 6674]
Revision	Vol. 54	June 27, 1989	[54 FR 27016]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart VV - "Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006"

The provisions of 40 CFR Part 60 Subpart VV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart VV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 48	October 18, 1983	[48 FR 48335]
Revision	Vol. 49	May 30, 1984	[49 FR 22607]
Revision	Vol. 49	June 29, 1984	[49 FR 26738]
Revision	Vol. 51	January 21, 1986	[51 FR 2702]
Revision	Vol. 54	February 14, 1989	[54 FR 6678]
Revision	Vol. 54	June 27, 1989	[54 FR 27016]
Revision	Vol. 60	August 18, 1995	[60 FR 43258]
Revision	Vol. 61	June 12, 1996	[61 FR 29878]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 73	June 2, 2008	[73 FR 31372]
Revision	Vol. 73	June 2, 2008	[73 FR 31376]

Subpart VVa - "Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006"

The provisions of 40 CFR Part 60 Subpart VVa, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart VVa			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 73	June 2, 2008	[73 FR 31372]
Revision	Vol. 73	June 2, 2008	[73 FR 31376]

Subpart WW - "Standards of Performance for the Beverage Can Surface Coating Industry"

The provisions of 40 CFR Part 60 Subpart WW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart WW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	November 1, 1982	[47 FR 49612]
Revision	Vol. 55	December 13, 1990	[55 FR 51384]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart XX - "Standards of Performance for Bulk Gasoline Terminals"

The provisions of 40 CFR Part 60 Subpart XX, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart XX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 48	August 18, 1983	[48 FR 37590]
Revision	Vol. 48	December 22, 1983	[48 FR 56580]
Revision	Vol. 54	February 14, 1989	[54 FR 6678]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	February 12, 1999	[64 FR 7466]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]

Subpart AAA - "Standards of Performance for New Residential Wood Heaters"

The provisions of 40 CFR Part 60 Subpart AAA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart AAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 53	February 26, 1988	[53 FR 5873]
Revision	Vol. 53	April 12, 1988	[53 FR 12009]
Revision	Vol. 53	April 26, 1988	[53 FR 14889]
Revision	Vol. 57	February 13, 1992	[57 FR 5328]
Revision	Vol. 60	June 29, 1995	[60 FR 33925]
Revision	Vol. 63	November 24, 1998	[63 FR 64874]
Revision	Vol. 64	February 12, 1999	[64 FR 7466]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart BBB - "Standards of Performance for the Rubber Tire Manufacturing Industry"

The provisions of 40 CFR Part 60 Subpart BBB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart BBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 52	September 15, 1987	[52 FR 34874]
Revision	Vol. 52	October 9, 1987	[52 FR 37874]
Revision	Vol. 54	September 19, 1989	[54 FR 38635]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart CCC - [Reserved]

Subpart DDD - "Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry"

The provisions of 40 CFR Part 60 Subpart DDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart DDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 55	December 11, 1990	[55 FR 51035]
Revision	Vol. 56	March 5, 1991	[56 FR 9178]
Revision	Vol. 56	March 22, 1991	[56 FR 12299]
Revision	Vol. 58	April 7, 1993	[58 FR 18014]
Revision	Vol. 64	March 9, 1999	[64 FR 11541]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]

Subpart EEE - [Reserved]

Subpart FFF - "Standards of Performance for Flexible Vinyl and Urethane Coating and Printing"

The provisions of 40 CFR Part 60 Subpart FFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart FFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	June 29, 1984	[49 FR 26892]
Revision	Vol. 49	August 17, 1984	[49 FR 32848]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart GGG - "Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After January 4, 1983, and on or Before November 7, 2006"

The provisions of 40 CFR Part 60 Subpart GGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart GGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	May 30, 1984	[49 FR 22606]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 73	June 2, 2008	[73 FR 31372]
Revision	Vol. 73	June 2, 2008	[73 FR 31376]

Subpart GGGa - "Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006"

The provisions of 40 CFR Part 60 Subpart GGGa, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart GGGa			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 73	June 2, 2008	[73 FR 31372]
Revision	Vol. 73	June 2, 2008	[73 FR 31376]

Subpart HHH - "Standards of Performance for Synthetic Fiber Production Facilities"

The provisions of 40 CFR Part 60 Subpart HHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart HHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	April 5, 1984	[49 FR 13651]
Revision	Vol. 49	April 27, 1984	[49 FR 18096]
Revision	Vol. 55	December 13, 1990	[55 FR 51384]
Revision	Vol. 59	June 23, 1994	[59 FR 32341]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart III - "Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes"

The provisions of 40 CFR Part 60 Subpart III, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart III			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 55	June 29, 1990	[55 FR 26922]
Revision	Vol. 55	September 7, 1990	[55 FR 36932]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]

Subpart JJJ - "Standards of Performance for Petroleum Dry Cleaners"

The provisions of 40 CFR Part 60 Subpart JJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart JJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	September 21, 1984	[49 FR 37331]
Revision	Vol. 50	November 27, 1985	[50 FR 49026]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart KKK - "Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants"

The provisions of 40 CFR Part 60 Subpart KKK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart KKK			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 60 Subpart KKK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 50	June 24, 1985	[50 FR 26124]
Revision	Vol. 51	January 21, 1986	[51 FR 2702]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 77	August 16, 2012	[77 FR 49490]

Subpart LLL - "Standards of Performance for Onshore Natural Gas Processing; SO_2 Emissions"

The provisions of 40 CFR Part 60 Subpart LLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart LLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 50	October 1, 1985	[50 FR 40160]
Revision	Vol. 54	February 14, 1989	[54 FR 6679]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 77	August 16, 2012	[77 FR 49490]

Subpart MMM - [Reserved]

Subpart NNN - "Standards of Performance for Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations"

The provisions of 40 CFR Part 60 Subpart NNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart NNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 55	June 29, 1990	[55 FR 26942]
Revision	Vol. 55	September 7, 1990	[55 FR 36932]
Revision	Vol. 60	November 27, 1995	[60 FR 58237, 58238]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 74	June 24, 2009	[74 FR 29948]

Subpart OOO - "Standards of Performance for Nonmetallic Mineral Processing Plants"

The provisions of 40 CFR Part 60 Subpart OOO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart OOO			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 60 Subpart OOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 51	August 1, 1985	[51 FR 31337]
Revision	Vol. 54	February 14, 1989	[54 FR 6680]
Revision	Vol. 62	June 9, 1997	[62 FR 31360]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 74	April 28, 2009	[74 FR 19294]

Subpart PPP - "Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants"

The provisions of 40 CFR Part 60 Subpart PPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 50	February 25, 1985	[50 FR 7699]
Revision	Vol. 54	February 14, 1989	[54 FR 6680]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart QQQ - "Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems"

The provisions of 40 CFR Part 60 Subpart QQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart QQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 53	November 23, 1988	[53 FR 47623]
Revision	Vol. 60	August 18, 1995	[60 FR 43259]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart RRR - "Standards of Performance for Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes"

The provisions of 40 CFR Part 60 Subpart RRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart RRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 58	August 31, 1993	[58 FR 45948]
Revision	Vol. 60	November 27, 1995	[60 FR 58238]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]

Subpart SSS - "Standards of Performance for Magnetic Tape Coating Facilities"

The provisions of 40 CFR Part 60 Subpart SSS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart SSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 53	October 3, 1988	[53 FR 38914]
Revision	Vol. 53	October 28, 1988	[53 FR 43799]
Revision	Vol. 53	November 29, 1988	[53 FR 47955]
Revision	Vol. 53	December 9, 1988	[53 FR 49822]
Revision	Vol. 64	February 12, 1999	[64 FR 7467]

Subpart TTT - "Standards of Performance for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines"

The provisions of 40 CFR Part 60 Subpart TTT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart TTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 53	January 29, 1988	[53 FR 2676]
Revision	Vol. 53	May 27, 1988	[53 FR 19300]
Revision	Vol. 54	June 15, 1989	[54 FR 25459]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart UUU - "Standards of Performance for Calciners and Dryers in Mineral Industries"

The provisions of 40 CFR Part 60 Subpart UUU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart UUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 57	September 28, 1992	[57 FR 44503]
Revision	Vol. 58	July 29, 1993	[58 FR 40591]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart VVV - "Standards of Performance for Polymeric Coating of Supporting Substrates Facilities"

The provisions of 40 CFR Part 60 Subpart VVV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart VVV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 54	September 11, 1989	[54 FR 37551]
Revision	Vol. 61	March 12, 1996	[61 FR 9905]

Subpart WWW - "Standards of Performance for Municipal Solid Waste Landfills"

The provisions of 40 CFR Part 60 Subpart WWW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart WWW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	March 12, 1996	[61 FR 9905]
Revision	Vol. 63	June 16, 1998	[63 FR 32743]
Revision	Vol. 64	February 24, 1999	[64 FR 9262]
Revision	Vol. 65	April 10, 2000	[65 FR 18906]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	September 21, 2006	[71 FR 55119]

Subpart XXX - [Reserved]

Subpart YYY - [Reserved]

Subpart ZZZ - [Reserved]

Subpart AAAA - "Standards of Performance for Small Municipal Waste Combustion Units for Which Construction Is Commenced After August 30, 1999, or for Which Modification or Reconstruction Is Commenced After June 6, 2001"

The provisions of 40 CFR Part 60 Subpart AAAA, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart AAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 6, 2000	[65 FR 76350]

Subpart BBBB - "Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999"

The provisions of 40 CFR Part 60 Subpart BBBB, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart BBBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 6, 2000	[65 FR 76378]

Subpart CCCC - "Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Is Commenced After November 30, 1999, or for Which Modification or Reconstruction Is Commenced on or After June 1, 2001"

The provisions of 40 CFR Part 60 Subpart CCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart CCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 1, 2000	[65 FR 75338]
Revision	Vol. 66	March 27, 2001	[66 FR 16605]
Revision	Vol. 70	September 22, 2005	[70 FR 55568]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	February 7, 2013	[78 FR 9112]

Subpart DDDD - "Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction on or Before November 30, 1999"

The provisions of 40 CFR Part 60 Subpart DDDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart DDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 1, 2000	[65 FR 75338]
Revision	Vol. 70	September 22, 2005	[70 FR 55568]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	February 7, 2013	[78 FR 9112]

Subpart EEEE - "Standards of Performance for Other Solid Waste Incineration Units for Which Construction Is Commenced After December 9, 2004, or for Which Modification or Reconstruction Is Commenced on or After June 16, 2006"

The provisions of 40 CFR Part 60 Subpart EEEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart EEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 70	December 16, 2005	[70 FR 74870]
Revision	Vol. 71	November 24, 2006	[71 FR 67802]

Subpart FFFF - "Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units That Commenced Construction on or Before December 9, 2004"

The provisions of 40 CFR Part 60 Subpart FFFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart FFFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 70	December 16, 2005	[70 FR 74870]
Revision	Vol. 71	November 24, 2006	[71 FR 67802]

Subpart GGGG - [Reserved]

Subpart HHHH - [Reserved]

Subpart IIII - "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines"

The provisions of 40 CFR Part 60 Subpart IIII, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart IIII			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 71	July 11, 2006	[71 FR 39154]
Revision	Vol. 76	June 28, 2011	[76 FR 37954]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Subpart JJJJ - "Standards of Performance for Stationary Spark Ignition Internal Combustion Engines"

The provisions of 40 CFR Part 60 Subpart JJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart JJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	October 8, 2008	[73 FR 59034]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Subpart KKKK - "Standards of Performance for Stationary Combustion Turbines"

The provisions of 40 CFR Part 60 Subpart KKKK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart KKKK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 71	July 6, 2006	[71 FR 38482]

40 CFR Part 60 Subpart KKKK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 74	March 20, 2009	[74 FR 11858]

Subpart LLLL - "Standards of Performance for New Sewage Sludge Incineration Units"

The provisions of 40 CFR Part 60 Subpart LLLL, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart LLLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 76	March 21, 2011	[76 FR 15372]

Subpart MMMM - "Emission Guidelines and Compliance Times for Existing Sewage Sludge Incineration Units"

The provisions of 40 CFR Part 60 Subpart MMMM, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart MMMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 76	March 21, 2011	[76 FR 15372]

Subpart NNNN - [Reserved]

Subpart OOOO - "Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution"

The provisions of 40 CFR Part 60, Subpart OOOO, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart OOOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	August 16, 2012	[77 FR 49490]
Revision	Vol. 78	September 23, 2013	[78 FR 58416]

R. 61-62.60 History - *South Carolina State Register:*
Vol. 23, Issue 2, (Doc. No. 2373), February 26, 1999;
Vol. 24, Issue 10, (Doc. No. 2535), October 27, 2000;
Vol. 25, Issue No. 10, (Doc. No. 2648), October 26, 2001;
Vol. 26, Issue No. 8, (Doc. No. 2736), August 23, 2002;
Vol. 27, Issue No. 6, (Doc. No. 2840), June 27, 2003;
Vol. 28, Issue No. 9, (Doc. No. 2913), September 24, 2004;
Vol. 29, Issue No. 8, (Doc. No. 2980), August 26, 2005;
Vol. 30, Issue No. 9, (Doc. No. 3066), September 22, 2006;
Vol. 31, Issue No. 6, (Doc. No. 3083), June 22, 2007;

Vol. 31, Issue No. 12, (Doc. No. 3153), December 28, 2007;
Vol. 32, Issue No. 10, (Doc. No. 3224), October 24, 2008;
Vol. 33, Issue No. 10, (Doc. No. 4082), October 23, 2009;
Vol. 34, Issue No. 5, (Doc. No. 4070), May 28, 2010;
Vol. 34, Issue No. 11, (Doc. No. 4131), November 26, 2010;
Vol. 34, Issue No. 4, (Doc. No. 4280), April 27, 2012;
Vol. 37, Issue No. 4, (Errata), April 26, 2013;
Vol. 37, Issue No. 5, (Errata), May 24, 2013;
Vol. 37, Issue No. 12, (Doc. No. 4387), December 27, 2013;
Vol. 38, Issue No. 9, (Doc. No. 4465), September 26, 2014.

SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

AIR POLLUTION CONTROL REGULATIONS AND STANDARDS

REGULATION 61-62.63
NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES

Note: Section 112 of the Clean Air Act as amended in 1990 requires the United States Environmental Protection Agency (EPA) to issue emission standards for all major sources of the listed hazardous air pollutants (HAPs). These rules are generally known as "maximum achievable control technology" (MACT) standards. On June 26, 1995 [60 FR 32913], the EPA granted full approval to the State of South Carolina under Section 112(l)(5) and 40 CFR 63.91 of the State's program for receiving delegation of Section 112 standards that are unchanged from federal rules as promulgated. These rules are incorporated by reference by the Department and the tables are periodically revised as MACT standards are amended or promulgated. The word "Administrator" as used in these MACT standards shall mean the Department of Health and Environmental Control with the exception of the sections within these subparts that may not be delegated by the EPA.

Subpart A - "General Provisions"

The provisions of 40 Code of Federal Regulations (CFR) Part 63 Subpart A, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	March 16, 1994	[59 FR 12430]
Revision	Vol. 59	April 22, 1994	[59 FR 19453]
Revision	Vol. 59	December 6, 1994	[59 FR 62589]
Revision	Vol. 60	January 25, 1995	[60 FR 4963]
Revision	Vol. 60	June 27, 1995	[60 FR 33122]
Revision	Vol. 60	September 1, 1995	[60 FR 45980]
Revision	Vol. 61	May 21, 1996	[61 FR 25399]
Revision	Vol. 61	December 17, 1996	[61 FR 66227]
Revision	Vol. 62	December 10, 1997	[62 FR 65024]
Revision	Vol. 63	May 4, 1998	[63 FR 24444]
Revision	Vol. 63	May 13, 1998	[63 FR 26465]
Revision	Vol. 63	September 21, 1998	[63 FR 50326]
Revision	Vol. 63	October 7, 1998	[63 FR 53996]
Revision	Vol. 63	December 1, 1998	[63 FR 66061]
Revision	Vol. 64	January 28, 1999	[64 FR 4300]
Revision	Vol. 64	February 12, 1999	[64 FR 7468]
Revision	Vol. 64	April 12, 1999	[64 FR 17562]
Revision	Vol. 64	June 10, 1999	[64 FR 31375]

40 CFR Part 63 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 67	February 14, 2002	[67 FR 6968]
Revision	Vol. 67	February 27, 2002	[67 FR 9156]
Revision	Vol. 67	April 5, 2002	[67 FR 16582]
Revision	Vol. 67	June 10, 2002	[67 FR 39794]
Revision	Vol. 67	July 23, 2002	[67 FR 48254]
Revision	Vol. 68	February 18, 2003	[68 FR 7706]
Revision	Vol. 68	April 21, 2003	[68 FR 19375]
Revision	Vol. 68	May 6, 2003	[68 FR 23898]
Revision	Vol. 68	May 8, 2003	[68 FR 24653]
Revision	Vol. 68	May 20, 2003	[68 FR 27646]
Revision	Vol. 68	May 23, 2003	[68 FR 28606]
Revision	Vol. 68	May 27, 2003	[68 FR 28774]
Revision	Vol. 68	May 28, 2003	[68 FR 31746]
Revision	Vol. 68	May 29, 2003	[68 FR 32172]
Revision	Vol. 68	May 30, 2003	[68 FR 32586]
Revision	Vol. 68	November 13, 2003	[68 FR 64432]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]
Revision	Vol. 69	January 2, 2004	[69 FR 130]
Revision	Vol. 69	February 3, 2004	[69 FR 5038]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 69	April 19, 2004	[69 FR 20968]
Revision	Vol. 69	April 22, 2004	[69 FR 21737]
Revision	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 69	June 15, 2004	[69 FR 33474]
Revision	Vol. 69	July 30, 2004	[69 FR 45944]
Revision	Vol. 69	September 13, 2004	[69 FR 55218]
Revision	Vol. 70	April 15, 2005	[70 FR 19992]
Revision	Vol. 70	May 20, 2005	[70 FR 29400]
Revision	Vol. 70	October 12, 2005	[70 FR 59402]
Revision	Vol. 71	February 16, 2006	[71 FR 8342]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 28, 2006	[71 FR 42898]
Revision	Vol. 71	December 6, 2006	[71 FR 70651]
Revision	Vol. 72	January 3, 2007	[72 FR 26]
Revision	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 72	October 29, 2007	[72 FR 61060]
Revision	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 72	December 26, 2007	[72 FR 73180]
Revision	Vol. 72	December 28, 2007	[72 FR 74088]
Revision	Vol. 73	January 2, 2008	[73 FR 226]

40 CFR Part 63 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 73	January 9, 2008	[73 FR 1738]
Revision	Vol. 73	January 10, 2008	[73 FR 1916]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	February 7, 2008	[73 FR 7210]
Revision	Vol. 73	March 7, 2008	[73 FR 12275]
Revision	Vol. 73	July 23, 2008	[73 FR 42978]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 74	June 25, 2009	[74 FR 30366]
Revision	Vol. 74	October 28, 2009	[74 FR 55670]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 75	September 13, 2010	[75 FR 55636]
Revision	Vol. 76	February 17, 2011	[76 FR 9450]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 17, 2012	[77 FR 22848]
Revision	Vol. 77	September 11, 2012	[77 FR 55698]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]
Revision	Vol. 78	January 31, 2013	[78 FR 7138]
Revision	Vol. 78	February 1, 2013	[78 FR 7488]
Revision	Vol. 78	June 20, 2013	[78 FR 37133]

Subpart B - "Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act Sections, Sections 112(g) and 112(j)"

Section 63.40 - Applicability.

(a) Applicability. The requirements of Sections 63.40 through 63.44 of this subpart apply to any owner or operator who constructs or reconstructs a major source of HAPs after the effective date of this subpart unless the major source in question has been specifically regulated or exempted from regulation under a standard issued pursuant to Section 112(d), Section 112(h), or Section 112(j) of the Act and incorporated in another subpart of Part 63, or the owner or operator of such major source has received all necessary air quality permits for such construction or reconstruction project before the effective date of Section 112(g)(2)(B) in the State.

(b) Exclusion for electric utility steam generating units. The requirements of this subpart do not apply to electric utility steam generating units unless and until such time as these units are added to the source category list pursuant to Section 112(c)(5) of the Act.

(c) Relationship to local requirements. Nothing in this subpart shall prevent a local agency from imposing more stringent requirements than those contained in this subpart.

(d) Exclusion for stationary sources in deleted source categories. The requirements of this subpart do not apply to stationary sources that are within a source category that has been deleted from the source category list pursuant to Section 112(c)(9) of the Act.

(e) Exclusion for research and development activities. The requirements of this subpart do not apply to research and development activities, as defined in Regulation 61-62.63, Section 63.41.

(f) Synthetic Minor Provisions. Any "affected source," as defined by Regulation 61-62.63, Section 63.41, may request to use federally enforceable permit conditions to limit the source's potential to emit and become a synthetic minor source.

(1) An affected source desiring to be a synthetic minor source shall provide a written request to the Department for a federally enforceable construction permit conditioned to constrain the operation of the source, along with a completed construction permit application package. The construction or reconstruction of the source shall not commence until the source has received an effective permit to construct.

(2) The enforceable permit conditions provisions of Regulation 61-62.1, Section II.E.3, shall apply to synthetic minor source permits.

(3) The public participation procedures of Regulation 61-62.1, Section II.N, shall apply to synthetic minor source permits.

(4) The emergency provisions of Regulation 61-62.1, Section II.L, shall apply to synthetic minor source permits.

(5) The permit application provisions of Regulation 61-62.1, Section II.E.5, shall apply to synthetic minor source permits.

Section 63.41 - Definitions.

Terms used in this subpart that are not defined below or in Regulation 61-62.1, Section I, have the meaning given to them in the Clean Air Act and in 40 CFR 63, Subpart A.

(a) "Act" means the Clean Air Act, as amended, 42 U.S.C. 7401, et seq.

(b) "Affected source" means the stationary source or group of stationary sources which, when fabricated (on site), erected, or installed meets the definition of "construct a major source" or the definition of "reconstruct a major source" contained in this subpart.

(c) "Affected States" are:

(1) The States of Georgia and/or North Carolina if, as determined by the Department, their air quality may be affected by a Maximum Achievable Control Technology (MACT) determination made in accordance with this subpart; or

(2) Any portions of the State of Tennessee whose air quality may be affected and that are within fifty (50) miles of the major source for which a MACT determination is made in accordance with this subpart.

(d) "Available information" means, for purposes of identifying control technology options for the affected source, information contained in the following information sources as of the date of approval of the MACT determination by the Department:

(1) A relevant proposed regulation, including all supporting information;

(2) Background information documents for a draft or proposed regulation;

(3) Data and information available from the Control Technology Center developed pursuant to Section 113 of the Act;

(4) Data and information contained in the Aerometric Informational Retrieval System, including information in the MACT database;

(5) Any additional information that can be expeditiously provided by the Administrator; and

(6) For the purpose of determinations by the Department, any additional information provided by the applicant or others, and any additional information considered available by the Department.

(e) "Construct a major source" means:

(1) To fabricate, erect, or install at any greenfield site a stationary source or group of stationary sources which is located within a contiguous area and under common control and which emits or has the potential to emit ten (10) tons per year (tpy) of any HAP or twenty-five (25) tpy of any combination of HAPs, or

(2) To fabricate, erect, or install at any developed site a new process or production unit which in and of itself emits or has the potential to emit ten (10) tpy of any HAP or twenty-five (25) tpy of any combination of HAPs, unless the process or production unit satisfies criteria (e)(2)(i) through (e)(2)(vi) of this paragraph:

(i) All HAPs emitted by the process or production unit that would otherwise be controlled under the requirements of this subpart will be controlled by emission control equipment which was previously installed at the same site as the process or production unit;

(ii)(A) The Department has determined within a period of five (5) years prior to the fabrication, erection, or installation of the process or production unit that the existing emission control equipment represented best available control technology (BACT) or lowest achievable emission rate (LAER) under 40 CFR 51 or 52; or

(B) The Department determines that the control of HAP emissions provided by the existing equipment will be equivalent to that level of control currently achieved by other well-controlled similar sources (that is, equivalent to the level of control that would be provided by a current BACT or LAER);

(iii) The Department determines that the percent control efficiency for emissions of HAPs from all sources to be controlled by the existing control equipment will be equivalent to the percent control efficiency provided by the control equipment prior to the inclusion of the new process or production unit;

(iv) The Department has provided notice and an opportunity for public comment concerning its determination that criteria in paragraphs (e)(2)(i), (e)(2)(ii), and (e)(2)(iii) of this definition apply and concerning the continued adequacy of any prior LAER or BACT;

(v) If any commenter has asserted that a prior LAER or BACT is no longer adequate, the Department has determined that the level of control required by that prior determination remains adequate; and

(vi) Any emission limitations, work practice requirements, or other terms and conditions upon which the above determinations by the Department are predicated will be construed by the Department as applicable

requirements under Section 504(a) of the Act and either have been incorporated into any existing Part 70 permit for the affected facility or will be incorporated into such permit upon issuance.

(f) "Control technology" means measures, processes, methods, systems, or techniques to limit the emission of HAPs including, but not limited to, measures that:

(1) Reduce the quantity of or eliminate emissions of such pollutants through process changes, substitution of materials, or other modifications;

(2) Enclose systems or processes to eliminate emissions;

(3) Collect, capture, or treat such pollutants when released from a process, stack, storage, or fugitive emissions point;

(4) Are design, equipment, work practice, or operational standards (including requirements for operator training or certification) as provided in 42 U.S.C. 7412(h); or

(5) Are a combination of paragraphs (f)(1)-(f)(4) of this definition.

(g) "Effective date" in South Carolina of Section 112(g)(2)(B) of the Act is July 1, 1998.
(h) "Electric utility steam generating unit" means any fossil fuel fired combustion unit of more than twenty-five (25) megawatts (MW) that serves a generator that produces electricity for sale. A unit that co-generates steam and electricity and supplies more than one-third of its potential electric output capacity and more than twenty-five (25) MW electric output to any utility power distribution system for sale shall be considered an electric utility steam generating unit.

(i) "Greenfield site" means a contiguous area under common control that is an undeveloped site.

(j) "Hazardous Air Pollutant (HAP)" means any air pollutant defined in or pursuant to Section 112(b) of the Act.

(k) "List of Source Categories" means the Source Category List required by Section 112(c) of the Act.

(l) "Maximum achievable control technology (MACT) emission limitation for new sources" means the emission limitation which is not less stringent than the emission limitation achieved in practice by the best controlled similar source, and which reflects the maximum degree of reduction in emissions that the Department, taking into consideration the cost of achieving such emission reduction, and any non-air quality health and environmental impacts and energy requirements, determines is achievable by the constructed or reconstructed major source.

(m) "Notice of MACT Approval" means a document issued by the Department containing all federally enforceable conditions necessary to enforce the application and operation of MACT or other control technologies such that the MACT emission limitation is met.

(n) "Organic HAP" means the compounds listed in Table 1 to Subpart XX of this part.

(o) "Presumptive MACT determination" means an estimation of MACT, based on limited data gathered within a short time frame, that serves as a basis for a decision on how to develop an emission standard for a

particular source category. Factors such as control technology costs, non-air quality health and environmental impacts, energy requirements, and benefits are not typically considered in the estimation.

(p) "Process or production unit" means any collection of structures and/or equipment, that processes, assembles, applies, or otherwise uses material inputs to produce or store an intermediate or final product. A single facility may contain more than one process or production unit.

(q) "Reconstruct a major source" means the replacement of components at an existing process or production unit that in and of itself emits or has the potential to emit ten (10) tpy of any HAP or twenty-five (25) tpy of any combination of HAPs, whenever:

(1) The fixed capital cost of the new components exceeds fifty (50) percent of the fixed capital cost that would be required to construct a comparable process or production unit; and
(2) It is technically and economically feasible for the reconstructed major source to meet the applicable MACT emission limitation for new sources established under this subpart.

(r) "Research and development activities" means activities conducted at a research or laboratory facility whose primary purpose is to conduct research and development into new processes and products, where such source is operated under the close supervision of technically trained personnel and is not engaged in the manufacture of products for sale or exchange for commercial profit, except in a de minimis manner.

(s) "Similar source" means a stationary source or process that has comparable emissions and is structurally similar in design and capacity to a constructed or reconstructed major source such that the source could be controlled using the same control technology.

Section 63.42 - Program Requirements Governing Construction or Reconstruction of Major Sources.

Prohibition:

After the effective date of Section 112(g)(2)(B) in the State, no person may begin actual construction or reconstruction of a major source of HAPs in the State unless:

(a) The major source in question has been specifically regulated or exempted from regulation under a standard issued pursuant to Section 112(d), Section 112(h), or Section 112(j) in 40 CFR 63, and the owner or operator has fully complied with all procedures and requirements for preconstruction review established by that standard, including any applicable requirements set forth in 40 CFR 63, Subpart A; or

(b) The Department has made a final and effective case-by-case determination pursuant to the provisions of Regulation 61-62.63, Section 63.43, such that emissions from the constructed or reconstructed major source will be controlled to a level no less stringent than the MACT emission limitation for new sources.

Section 63.43 - Maximum Achievable Control Technology (MACT) Determinations for Constructed and Reconstructed Major Sources.

(a) Applicability:

The requirements of this section apply to an owner or operator who constructs or reconstructs a major source of HAPs subject to a case-by-case determination of MACT pursuant to Regulation 61-62.63, Section 63.42.

(b) Requirements for constructed and reconstructed major sources. When a case-by-case determination of MACT is required by Regulation 61-62.63, Section 63.42, the owner or operator shall obtain from the Department an approved MACT determination according to paragraph (c) of this section.

(c) Review Process:

(1) The owner or operator shall apply for and obtain a Notice of MACT Approval according to the procedures outlined in paragraphs (f) through (h) of this section.

(2) The MACT emission limitation and requirements established shall be effective as required by paragraph (j) of this section, consistent with the principles established in paragraph (d) of this section, and supported by the information listed in paragraph (e) of this section. The owner or operator shall comply with the requirements in paragraphs (k) and (l) of this section, and with all applicable requirements in 40 CFR 63, Subpart A.

(d) Principles of MACT determinations. The following general principles shall govern preparation by the owner or operator of each permit application or other application requiring a case-by-case MACT determination concerning construction or reconstruction of a major source, and all subsequent review of and actions taken concerning such an application by the Department:

(1) The MACT emission limitation or MACT requirements recommended by the applicant and approved by the Department shall not be less stringent than the emission control which is achieved in practice by the best controlled similar source, as determined by the Department.

(2) Based upon available information, as defined in this subpart, the MACT emission limitation and control technology (including any requirements under paragraph (d)(3) of this section) recommended by the applicant and approved by the Department shall achieve the maximum degree of reduction in emissions of HAPs which can be achieved by utilizing those control technologies that can be identified from the available information, taking into consideration the costs of achieving such emission reduction and any non-air quality health and environmental impacts and energy requirements associated with the emission reduction.

(3) The applicant may recommend a specific design, equipment, work practice, or operational standard, or a combination thereof, and the Department may approve such a standard if the Department specifically determines that it is not feasible to prescribe or enforce an emission limitation under the criteria set forth in Section 112(h)(2) of the Act.

(4) If the Administrator has either proposed a relevant emission standard pursuant to Section 112(d) or Section 112(h) of the Act or adopted a presumptive MACT determination for the source category which includes the constructed or reconstructed major source, then the MACT requirements applied to the constructed or reconstructed major source shall have considered those MACT emission limitations and requirements of the proposed standard or presumptive MACT determination.

(e) Application requirements for a case-by-case MACT determination.

(1) An application for a MACT determination (whether a permit application under Title V of the Act, an application for a Notice of MACT Approval, or other document specified by the Department under paragraph (c) of this section) shall specify a control technology selected by the owner or operator that, if properly operated and maintained, will meet the MACT emission limitation or standard as determined according to the principles set forth in paragraph (d) of this section.

(2) In each instance where a constructed or reconstructed major source would require additional control technology or a change in control technology, the application for a MACT determination shall contain the following information:

(i) The name and address (physical location) of the major source to be constructed or reconstructed;

(ii) A brief description of the major source to be constructed or reconstructed and identification of any listed source category or categories in which it is included;

(iii) The expected commencement date for the construction or reconstruction of the major source;

(iv) The expected completion date for construction or reconstruction of the major source;

(v) The anticipated date of start-up for the constructed or reconstructed major source;

(vi) The HAP emitted by the constructed or reconstructed major source, and the estimated emission rate for each such HAP, to the extent this information is needed by the Department to determine MACT;

(vii) Any federally enforceable emission limitations applicable to the constructed or reconstructed major source;

(viii) The maximum and expected utilization of capacity of the constructed or reconstructed major source, and the associated uncontrolled emission rates for that source, to the extent this information is needed by the Department to determine MACT;

(ix) The controlled emissions for the constructed or reconstructed major source in tpy at expected and maximum utilization of capacity, to the extent this information is needed by the Department to determine MACT;

(x) A recommended emission limitation for the constructed or reconstructed major source consistent with the principles set forth in paragraph (d) of this section;

(xi) The selected control technology to meet the recommended MACT emission limitation, including technical information on the design, operation, size, estimated control efficiency of the control technology (and the manufacturer's name, address, telephone number, and relevant specifications and drawings, if requested by the Department);

(xii) Supporting documentation including identification of alternative control technologies considered by the applicant to meet the emission limitation, and analysis of cost and non-air quality health environmental impacts or energy requirements for the selected control technology; and

(xiii) Any other relevant information required pursuant to 40 CFR 63, Subpart A.

(3) In each instance where the owner or operator contends that a constructed or reconstructed major source will be in compliance, upon startup, with case-by-case MACT under this subpart without a change in control technology, the application for a MACT determination shall contain the following information:

(i) The information described in paragraphs (e)(2)(i) through (e)(2)(x) of this section; and

(ii) Documentation of the control technology in place.

(f) Administrative procedures for review of the Notice of MACT Approval.

(1) The Department will notify the owner or operator in writing, within forty-five (45) days from the date the application is first received, as to whether the application for a MACT determination is complete or whether additional information is required.

(2) The Department will initially approve the recommended MACT emission limitation and other terms set forth in the application, or the Department will notify the owner or operator in writing of its intent to disapprove the application, within thirty (30) calendar days after the owner or operator is notified in writing that the application is complete.

(3) The owner or operator may present, in writing, within sixty (60) calendar days after receipt of notice of the Department's intent to disapprove the application, additional information or arguments pertaining to, or amendments to, the application for consideration by the Department before it decides whether to finally disapprove the application.

(4) The Department will either initially approve or issue a final disapproval of the application within ninety (90) days after it notifies the owner or operator of an intent to disapprove or within thirty (30) days after the date additional information is received from the owner or operator, whichever is earlier.

(5) A final determination by the Department to disapprove any application will be in writing and will specify the grounds on which the disapproval is based. If any application is finally disapproved, the owner or operator may submit a subsequent application concerning construction or reconstruction of the same major source, provided that the subsequent application has been amended in response to the stated grounds for the prior disapproval.

(6) An initial decision to approve an application for a MACT determination will be set forth in the Notice of MACT Approval as described in paragraph (g) of this section.

(g) Notice of MACT Approval.

(1) The Notice of MACT Approval will contain a MACT emission limitation (or a MACT work practice standard if the Department determines it is not feasible to prescribe or enforce an emission standard) to control the emissions of HAPs. The MACT emission limitation or standard will be determined by the Department and will conform to the principles set forth in paragraph (d) of this section.

(2) The Notice of MACT Approval will specify any notification, operation and maintenance, performance testing, monitoring, reporting, and record keeping requirements. The Notice of MACT Approval will include:

(i) In addition to the MACT emission limitation or MACT work practice standard established under this subpart, additional emission limits, production limits, operational limits, or other terms and conditions necessary to ensure federal enforceability of the MACT emission limitation;

(ii) Compliance certifications, testing, monitoring, reporting, and record keeping requirements that are consistent with the requirements of Regulation 61-62.70.6(c);

(iii) In accordance with Section 114(a)(3) of the Act, requirements for monitoring capable of demonstrating continuous compliance during the applicable reporting period. Such monitoring data shall be of sufficient quality to be used as a basis for enforcing all applicable requirements established under this subpart, including emission limitations;

(iv) A statement requiring the owner or operator to comply with all applicable requirements contained in 40 CFR 63, Subpart A;

(3) All provisions contained in the Notice of MACT Approval shall be federally enforceable upon the effective date of issuance of such notice, as provided by paragraph (j) of this section.

(4) The Notice of MACT Approval shall expire if construction or reconstruction has not commenced within eighteen (18) months of issuance, unless the Department has granted an extension which shall not exceed an additional twelve (12) months.

(h) Opportunity for public comment on the Notice of MACT Approval.

(1) The Department will provide opportunity for public comment on the Notice of MACT Approval, including, at a minimum:

(i) Availability for public inspection in at least one location in the area affected of the information submitted by the owner or operator and of the Department's initial decision to approve the application;

(ii) A 30-day period for submittal of public comment; and

(iii) A notice by prominent advertisement in the area affected of the location of the source information and initial decision specified in paragraph (h)(1)(i) of this section.

(2) At the discretion of the Department, the Notice of MACT Approval setting forth the initial decision to approve the application may become final automatically at the end of the comment period if no adverse comments are received. If adverse comments are received, the Department will make any necessary revisions in its analysis and decide whether to finally approve the application within thirty (30) days after the end of the comment period.

(i) EPA notification. The Department will send a copy of the final Notice of MACT Approval to the Administrator through the appropriate Regional Office, and to all other state and local air pollution control agencies having jurisdiction in affected states.

(j) Effective date of MACT determination shall be the date the Notice of MACT Approval becomes final.
(k) Compliance date. On and after the date of start-up, a constructed or reconstructed major source which is subject to the requirements of this subpart shall be in compliance with all applicable requirements specified in the MACT determination.

(l) Compliance with MACT determinations.

(1) An owner or operator of a constructed or reconstructed major source that is subject to a MACT determination shall comply with all requirements in the final Notice of MACT Approval, including but not limited to, any MACT emission limitation or MACT work practice standard and any notification, operation and maintenance, performance testing, monitoring, reporting, and recordkeeping requirements.

(2) An owner or operator of a constructed or reconstructed major source which has obtained a MACT determination shall be deemed to be in compliance with Section 112(g)(2)(B) of the Act only to the extent that the constructed or reconstructed major source is in compliance with all requirements set forth in the final Notice of MACT Approval. Any violation of such requirements by the owner or operator shall be deemed by the Department and by EPA to be a violation of the prohibition on construction or reconstruction in Section 112(g)(2)(B) for whatever period the owner or operator is determined to be in violation of such requirements, and shall subject the owner or operator to appropriate enforcement action under the Act.

(m) Reporting to the Administrator. Within sixty (60) days of the issuance of a final Notice of MACT Approval, the Department will provide a copy of such notice to the Administrator, and will provide a summary in a compatible electronic format for inclusion in the MACT database.

Section 63.44 - Requirements for Constructed or Reconstructed Major Sources Subject to a Subsequently Promulgated MACT Standard or MACT Requirement.

(a) If the Administrator promulgates an emission standard under Section 112(d) or Section 112(h) of the Act or the Department issues a determination under Section 112(j) of the Act that is applicable to a stationary source or group of sources which would be deemed to be a constructed or reconstructed major source under this subpart before the date that the owner or operator has obtained a final and legally effective MACT determination under any of the review options available pursuant to Regulation 61-62.63, Section 63.43, the owner or operator of the source(s) shall comply with the promulgated standard or determination rather than any MACT determination under Section 112(g) by the Department, and the owner or operator shall comply with the promulgated standard by the compliance date in the promulgated standard.

(b) If the Administrator promulgates an emission standard under Section 112(d) or Section 112(h) of the Act or the Department makes a determination under Section 112(j) of the Act that is applicable to a stationary source or group of sources which was deemed to be a constructed or reconstructed major source under this subpart and has been subject to a prior case-by-case MACT determination pursuant to Regulation 61-62.63, Section 63.43, and the owner or operator obtained a final and legally effective case-by-case MACT determination prior to the promulgation date of such emission standard, then the Department will (if the initial Part 70 permit has not yet been issued) issue an initial operating permit which incorporates the emission standard or determination, or will (if the initial Part 70 permit has been issued) revise the operating permit according to the reopening procedures in Regulation 61-62.70, or 40 CFR 70 or 71, whichever is relevant, to incorporate the emission standard or determination.

(1) The EPA may include in the emission standard established under Section 112(d) or Section 112(h) of the Act a specific compliance date for those sources which have obtained a final and legally effective MACT determination under this subpart and which have submitted the information required by Regulation 61-62.63, Section 63.43, to the Department before the close of the public comment period for the standard established under Section 112(d) of the Act. Such date shall assure that the owner or operator shall comply with the promulgated standard as expeditiously as practicable, but not longer than eight (8) years after such standard is promulgated. In that event, the Department shall incorporate the applicable compliance date in the Part 70 operating permit.

(2) If no compliance date has been established in the promulgated 112(d) or 112(h) Standard or Section 112(j) determination, for those sources which have obtained a final and legally effective MACT determination under this subpart, then the Department shall establish a compliance date in the permit that assures that the owner or operator shall comply with the promulgated standard or determination as

expeditiously as practicable, but not longer than eight (8) years after such standard is promulgated or a Section 112(j) determination is made.

(c) Notwithstanding the requirements of paragraphs (a) and (b) of this section, if the Administrator promulgates an emission standard under Section 112(d) or Section 112(h) of the Act or the Department issues a determination under Section 112(j) of the Act that is applicable to a stationary source or group of sources which was deemed to be a constructed or reconstructed major source under this subpart and which is the subject of a prior case-by-case MACT determination pursuant to Regulation 61-62.63, Section 63.43 of this subpart, and the level of control required by the emission standard issued under Section 112(d) or Section 112(h) or the determination issued under Section 112(j) of the Act is less stringent than the level of control required by any emission limitation or standard in the prior MACT determination, the Department is not required to incorporate any less stringent terms of the promulgated standard in the Part 70 operating permit applicable to such source(s) and may in its discretion consider any more stringent provisions of the prior MACT determination to be applicable legal requirements when issuing or revising such an operating permit.

Section 63.50 - Applicability.

(a) General applicability.

(1) The requirements of this section through Section 63.56 implement Section 112(j) of the Clean Air Act (as amended in 1990). The requirements of this section through Section 63.56 apply in each state beginning on the effective date of an approved Title V permit program in such state. The requirements of this section through Section 63.56 do not apply to research or laboratory activities as defined in Section 63.51.

(2) The requirements of this section through Section 63.56 apply to:

(i) The owner or operator of affected sources within a source category or subcategory under this part that are located at a major source that is subject to an approved Title V permit program and for which the Administrator has failed to promulgate emission standards by the Section 112(j) deadlines. If Title V applicability has been deferred for a source category, then Section 112(j) is not applicable for sources in that category within that state, local, or tribal jurisdiction until those sources become subject to Title V permitting requirements; and

(ii) Permitting authorities with an approved Title V permit program.

(b) Relationship to state and local requirements. Nothing in Sections 63.50 through 63.56 shall prevent a state or local regulatory agency from imposing more stringent requirements, as a matter of state or local law, than those contained in Sections 63.50 through 63.56.

(c) The procedures in Sections 63.50 through 63.56 apply for each affected source only after the Section 112(j) deadline for the source category or subcategory in question has passed, and only until such time as a generally applicable federal standard governing that source has been promulgated under Section 112(d) or 112(h) of the Act. Once a generally applicable federal standard governing that source has been promulgated, the owner or operator of the affected source and the permitting authority are not required to take any further actions to develop an equivalent emission limitation under Section 112(j) of the Act.

(d) Any final equivalent emission limitation for an affected source which is issued by the permitting authority pursuant to Sections 63.50 through 63.56 prior to promulgation of a generally applicable federal

standard governing that source under Section 112(d) or 112(h) of the Act shall be deemed an applicable federal requirement adopted pursuant to Section 112(j) of the Act. Each such equivalent emission limitation shall take effect upon issuance of the permit containing that limitation under Section 112(j)(5) of the Act, and shall remain applicable to the source until such time as it may be revised or supplanted pursuant to the procedures established by Sections 63.50 through 63.56. Such a final equivalent emission limitation, and all associated requirements adopted pursuant to Section 63.52(f)(2), are directly enforceable under federal law regardless of whether or not any permit in which they may be contained remains in effect.

Section 63.51 - Definitions.

Terms used in Sections 63.50 through 63.56 that are not defined in this section have the meaning given to them in the Act, or in Subpart A of this part.

(a) "Affected source" means the collection of equipment, activities, or both within a single contiguous area and under common control that is in a Section 112(c) source category or subcategory for which the Administrator has failed to promulgate an emission standard by the Section 112(j) deadline, and that is addressed by an applicable MACT emission limitation established pursuant to this subpart.

(b) "Available information" means, for purposes of conducting a MACT floor finding and identifying control technology options under this subpart, any information that is available as of the date on which the first Part 2 MACT application is filed for a source in the relevant source category or subcategory in the state or jurisdiction; and, pursuant to the requirements of this subpart, is additional relevant information that can be expeditiously provided by the Administrator, is submitted by the applicant or others prior to or during the public comment period on the Section 112(j) equivalent emission limitation for that source, or information contained in the information sources in paragraphs (b)(1) through (b)(5) of this definition.

(1) A relevant proposed regulation, including all supporting information.

(2) Relevant background information documents for a draft or proposed regulation.

(3) Any relevant regulation, information, or guidance collected by the Administrator establishing a MACT floor finding and/or MACT determination.

(4) Relevant data and information available from the Clean Air Technology Center developed pursuant to Section 112(l)(3) of the Act.

(5) Relevant data and information contained in the Aerometric Information Retrieval System (AIRS).

(6) Any additional information that can be expeditiously provided by the Administrator.

(7) Any information provided by applicants in an application for a permit, permit modification, administrative amendment, or Notice of MACT Approval pursuant to the requirements of this subpart.

(8) Any additional relevant information provided by the applicant.

(c) "Control technology" means measures, processes, methods, systems, or techniques to limit the emission of HAPs including, but not limited to, measures which:

(1) Reduce the quantity or eliminate emissions of such pollutants through process changes, substitution of

materials, or other modifications;

(2) Enclose systems or processes to eliminate emissions;

(3) Collect, capture, or treat such pollutants when released from a process, stack, storage, or fugitive emissions point;

(4) Are design, equipment, work practice, or operational standards (including requirements for operator training or certification) as provided in 42 U.S.C. 7412(h); or

(5) Are a combination of paragraphs (c)(1) through (c)(4) of this definition.

(d) "Enhanced review" means a review process containing all administrative steps needed to ensure that the terms and conditions resulting from the review process can be incorporated using Title V permitting procedures.

(e) "Equivalent emission limitation" means an emission limitation, established under Section 112(j) of the Act, which is equivalent to the MACT standard that EPA would have promulgated under Section 112(d) or Section 112 (h) of the Act.

(f) "Maximum achievable control technology (MACT) emission limitation for existing sources" means the emission limitation reflecting the maximum degree of reduction in emissions of HAPs (including a prohibition on such emissions, where achievable) that the Administrator, taking into consideration the cost of achieving such emission reductions, and any non-air quality health and environmental impacts and energy requirements, determines is achievable by sources in the category or subcategory to which such emission standard applies. This limitation shall not be less stringent than the MACT floor.

(g) "Maximum achievable control technology (MACT) emission limitation for new sources" means the emission limitation which is not less stringent than the emission limitation achieved in practice by the best controlled similar source, and which reflects the maximum degree of reduction in emissions of HAPs (including a prohibition on such emissions, where achievable) that the Administrator, taking into consideration the cost of achieving such emission reduction, and any non-air quality health and environmental impacts and energy requirements, determines is achievable by sources in the category or subcategory to which such emission standard applies.

(h) "Maximum Achievable Control Technology (MACT) floor" means:

(1) For existing sources:

(i) The average emission limitation achieved by the best performing twelve (12) percent of the existing sources in the United States (for which the Administrator has emissions information), excluding those sources that have, within eighteen (18) months before the emission standard is proposed or within thirty (30) months before such standard is promulgated, whichever is later, first achieved a level of emission rate or emission reduction which complies, or would comply if the source is not subject to such standard, with the LAER (as defined in Section 171 of the Act) applicable to the source category and prevailing at the time, in the category or subcategory, for categories and subcategories of stationary sources with thirty (30) or more sources; or

(ii) The average emission limitation achieved by the best performing five (5) sources (for which the Administrator has or could reasonably obtain emissions information) in the category or subcategory, for categories or subcategories with fewer than thirty (30) sources;

(2) For new sources, the emission limitation achieved in practice by the best controlled similar source.

(i) "New affected source" means the collection of equipment, activities, or both, that if constructed after the issuance of a Section 112(j) permit for the source pursuant to Section 63.52, is subject to the applicable MACT emission limitation for new sources. Each permit must define the term "new affected source," which will be the same as the "affected source" unless a different collection is warranted based on consideration of factors including:

(1) Emission reduction impacts of controlling individual sources versus groups of sources;

(2) Cost effectiveness of controlling individual equipment;

(3) Flexibility to accommodate common control strategies;

(4) Cost/benefits of emissions averaging;

(5) Incentives for pollution prevention;

(6) Feasibility and cost of controlling processes that share common equipment (for example, product recovery devices);

(7) Feasibility and cost of monitoring; and

(8) Other relevant factors.

(j) "Permitting authority" means the permitting authority as defined in Part 70 of this chapter.

(k) "Research or laboratory activities" means activities whose primary purpose is to conduct research and development into new processes and products where such activities are operated under the close supervision of technically trained personnel and are not engaged in the manufacture of products for commercial sale in commerce, except in a de minimis manner; and where the source is not in a source category, specifically addressing research or laboratory activities, that is listed pursuant to Section 112(c)(7) of the Act.

(l) "Section 112(j) deadline" means the date eighteen (18) months after the date for which a relevant standard is scheduled to be promulgated under this part, except that for all major sources listed in the source category schedule for which a relevant standard is scheduled to be promulgated by November 15, 1994, the Section 112(j) deadline is November 15, 1996, and for all major sources listed in the source category schedule for which a relevant standard is scheduled to be promulgated by November 15, 1997, the Section 112(j) deadline is December 15, 1999.

(m) "Similar source" means that equipment or collection of equipment that, by virtue of its structure, operability, type of emissions, and volume and concentration of emissions, is substantially equivalent to the new affected source and employs control technology for control of emissions of HAPs that is practical for use on the new affected source.

(n) “Source category schedule for standards” means the schedule for promulgating MACT standards issued pursuant to Section 112(e) of the Act.

Section 63.52 - Approval Process for New and Existing Affected Sources.

(a) Sources subject to Section 112(j) as of the Section 112(j) deadline. The requirements of paragraphs (a)(1) and (a)(2) of this section apply to major sources that include, as of the Section 112(j) deadline, one or more sources in a category or subcategory for which the Administrator has failed to promulgate an emission standard under this part on or before an applicable Section 112(j) deadline. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued to the source pursuant to the requirements of the subpart, must apply to such sources.

(1) The owner or operator must submit an application for a Title V permit or for a revision to an existing Title V permit or a pending Title V permit meeting the requirements of Section 63.53(a) by the Section 112(j) deadline if the owner or operator can reasonably determine that one or more sources at the major source belong in the category or subcategory subject to Section 112(j).

(2) If an application was not submitted under paragraph (a)(1) of this section and if notified by the permitting authority, the owner or operator must submit an application for a Title V permit or for a revision to an existing Title V permit or a pending Title V permit meeting the requirements of Section 63.53(a) within thirty (30) days after being notified in writing by the permitting authority that one or more sources at the major source belong to such category or subcategory. Permitting authorities are not required to make such notification.

(3) The requirements in paragraphs (a)(3)(i) through (a)(3)(ii) of this section apply when the owner or operator has obtained a Title V permit that incorporates a case-by-case MACT determination by the permitting authority under Section 112(g) or has submitted a Title V permit application for a revision that incorporates a case-by-case MACT determination under Section 112(g), but has not submitted an application for a Title V permit revision that addresses the emission limitation requirements of Section 112(j).

(i) When the owner or operator has a Title V permit that incorporates a case-by-case MACT determination by the permitting authority under Section 112(g), the owner or operator must submit an application meeting the requirements of Section 63.53(a) for a Title V permit revision within thirty (30) days of the Section 112(j) deadline or within thirty (30) days of being notified in writing by the permitting authority that one or more sources at the major source belong in such category or subcategory. Using the procedures established in paragraph (e) of this section, the permitting authority must determine whether the emission limitations adopted pursuant to the prior case-by-case MACT determination under Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt pursuant to Section 112(j) for the source in question. If the permitting authority determines that the emission limitations previously adopted to effectuate Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt to effectuate Section 112(j) for the source, then the permitting authority must retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j). The Title V permit applicable to that source must be revised accordingly. If the permitting authority does not retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j), the MACT requirements of this subpart are satisfied upon issuance of a revised Title V permit incorporating any additional Section 112(j) requirements.

(ii) When the owner or operator has submitted a Title V permit application that incorporates a case-by-case MACT determination by the permitting authority under Section 112(g), but has not received the permit

incorporating the Section 112(g) requirements, the owner or operator must continue to pursue a Title V permit that addresses the emission limitation requirements of Section 112(g). Within thirty (30) days of issuance of that Title V permit, the owner or operator must submit an application meeting the requirements of Section 63.53(a) for a change to the existing Title V permit. Using the procedures established in paragraph (e) of this section, the permitting authority must determine whether the emission limitations adopted pursuant to the prior case-by-case MACT determination under Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt pursuant to Section 112(j) for the source in question. If the permitting authority determines that the emission limitations previously adopted to effectuate Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt to effectuate Section 112(j) for the source, then the permitting authority must retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j). The Title V permit applicable to that source must be revised accordingly. If the permitting authority does not retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j), the MACT requirements of this subpart are satisfied upon issuance of a revised Title V permit incorporating any additional Section 112(j) requirements.

(b) Sources that become subject to Section 112(j) after the Section 112(j) deadline and that do not have a Title V permit addressing Section 112(j) requirements. The requirements of paragraphs (b)(1) through (b)(4) of this section apply to sources that do not meet the criteria in paragraph (a) of this section on the Section 112(j) deadline and are, therefore, not subject to Section 112(j) on that date, but where events occur subsequent to the Section 112(j) deadline that would bring the source under the requirements of this subpart, and the source does not have a Title V permit that addresses the requirements of Section 112(j).

(1) When one (1) or more sources in a category or subcategory subject to the requirements of this subpart are installed at a major source, or result in the source becoming a major source due to the installation, and the installation does not invoke Section 112(g) requirements, the owner or operator must submit an application meeting the requirements of Section 63.53(a) within thirty (30) days of startup of the source. This application shall be reviewed using the procedures established in paragraph (e) of this section. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued pursuant to the requirements of this subpart, shall apply to such sources.

(2) The requirements in this paragraph apply when one or more sources in a category or subcategory subject to this subpart are installed at a major source, or result in the source becoming a major source due to the installation, and the installation does require emission limitations to be established and permitted under Section 112(g), and the owner or operator has not submitted an application for a Title V permit revision that addresses the emission limitation requirements of Section 112(j). In this case, the owner or operator must apply for and obtain a Title V permit that addresses the emission limitation requirements of Section 112(g). Within thirty (30) days of issuance of that Title V permit, the owner or operator must submit an application meeting the requirements of Section 63.53(a) for a revision to the existing Title V permit. Using the procedures established in paragraph (e) of this section, the permitting authority must determine whether the emission limitations adopted pursuant to the prior case-by-case MACT determination under Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt pursuant to Section 112(j) for the source in question. If the permitting authority determines that the emission limitations previously adopted to effectuate Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt to effectuate Section 112(j) for the source, then the permitting authority must retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j). The Title V permit applicable to that source must be revised accordingly. If the permitting authority does not retain the existing emission limitations in the permit as the

emission limitations to effectuate Section 112(j), the MACT requirements of this subpart are satisfied upon issuance of a revised Title V permit incorporating any additional Section 112(j) requirements.

(3) The owner or operator of an area source that, due to a relaxation in any federally enforceable emission limitation (such as a restriction on hours of operation), increases its potential to emit HAPs such that the source becomes a major source that is subject to this subpart, must submit an application meeting the requirements of Section 63.53(a) for a Title V permit or for an application for a Title V permit revision within thirty (30) days after the date that such source becomes a major source. This application must be reviewed using the procedures established in paragraph (e) of this section. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued pursuant to the requirements of this subpart, must apply to such sources.

(4) On or after April 5, 2002, if the Administrator establishes a lesser quantity emission rate under Section 112(a)(1) of the Act that results in an area source becoming a major source that is subject to this subpart, then the owner or operator of such a major source must submit an application meeting the requirements of Section 63.53(a) for a Title V permit or for a change to an existing Title V permit or pending Title V permit on or before the date six (6) months after the date that such source becomes a major source. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued pursuant to the requirements of this subpart, shall apply to such sources.

(c) Sources that have a Title V permit addressing Section 112(j) requirements. The requirements of paragraphs (c)(1) and (c)(2) of this section apply to major sources that include one or more sources in a category or subcategory for which the Administrator fails to promulgate an emission standard under this part on or before an applicable Section 112(j) deadline, and the owner or operator has a permit meeting the Section 112(j) requirements, and where changes occur at the major source to equipment, activities, or both, subsequent to the Section 112(j) deadline.

(1) If the Title V permit already provides the appropriate requirements that address the events that occur under paragraph (c) of this section subsequent to the Section 112(j) deadline, then the source must comply with the applicable new source MACT or existing source MACT requirements as specified in the permit, and the Section 112(j) requirements are thus satisfied.

(2) If the Title V permit does not contain the appropriate requirements that address the events that occur under paragraph (c) of this section subsequent to the Section 112(j) deadline, then the owner or operator must submit an application for a revision to the existing Title V permit that meets the requirements of Section 63.53(a). The application must be submitted within thirty (30) days of beginning construction and must be reviewed using the procedures established in paragraph (e) of this section. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued pursuant to the requirements of this subpart, shall apply to such sources.

(d) Requests for applicability determination or notice of MACT approval.

(1) An owner or operator who is unsure of whether one or more sources at a major source belong in a category or subcategory for which the Administrator has failed to promulgate an emission standard under this part may, on or before an applicable Section 112(j) deadline, request an applicability determination from the permitting authority by submitting an application meeting the requirements of Section 63.53(a) by the applicable deadlines specified in paragraphs (a), (b), or (c) of this section.

(2) In addition to meeting the requirements of paragraphs (a), (b), and (c) of this section, the owner or operator of a new affected source may submit an application for a Notice of MACT Approval before construction, pursuant to Section 63.54.

(e) Permit application review.

(1) Each owner or operator who is required to submit to the permitting authority a Part 1 MACT application which meets the requirements of Section 63.53(a) for one or more sources in a category or subcategory subject to Section 112(j) must also submit to the permitting authority a timely Part 2 MACT application for the same sources which meets the requirements of Section 63.53(b). Each owner or operator shall submit the Part 2 MACT application for the sources in a particular category or subcategory no later than the applicable date specified in Table 1 to this subpart. The submission date specified in Table 1 to this subpart for Miscellaneous Organic Chemical Manufacturing shall apply to sources in each of the source categories listed in Table 2 to this subpart. When the owner or operator is required by Sections 63.50 through 63.56 to submit an application meeting the requirements of Section 63.53(a) by a date which is after the date for a Part 2 MACT application for sources in the category or subcategory in question established by Table 1 to this subpart, the owner or operator shall submit a Part 2 MACT application meeting the requirements of Section 63.53(b) within sixty (60) additional days after the applicable deadline for submission of the Part 1 MACT application. Part 2 MACT applications must be reviewed by the permitting authority according to procedures established in Section 63.55. The resulting MACT determination must be incorporated into the source's Title V permit according to procedures established under Title V, and any other regulations approved under Title V in the jurisdiction in which the affected source is located.

(2) Notwithstanding paragraph (e)(1) of this section, the owner or operator may request either an applicability determination or an equivalency determination by the permitting authority as provided in paragraphs (e)(2)(i) and (e)(2)(ii) of this section.

(i) Each owner or operator who submitted a request for an applicability determination pursuant to paragraph (d)(1) of this section on or before May 15, 2002, which remains pending before the permitting authority on May 30, 2003, and who still wishes to obtain such a determination, must resubmit that request by July 29, 2003, or by the date which is sixty (60) days after the Administrator publishes in the Federal Register a proposed standard under Section 112(d) or 112(h) of the Act for the category or subcategory in question, whichever is later. Each request for an applicability determination which is resubmitted under this paragraph (e)(2)(i) must be supplemented to discuss the relation between the source(s) in question and the applicability provision in the proposed standard for the category or subcategory in question, and to explain why there may still be uncertainties that require a determination of applicability. The permitting authority must take action upon each properly resubmitted and supplemented request for an applicability determination within an additional sixty (60) days after the applicable deadline for the resubmitted request. If the applicability determination is positive, the owner or operator must submit a Part 2 MACT application meeting the requirements of Section 63.53(b) by the date specified for the category or subcategory in question in Table 1 to this subpart. If the applicability determination is negative, then no further action by the owner or operator is necessary.

(ii) As specified in paragraphs (a) and (b) of this section, an owner or operator who has submitted an application meeting the requirements of Section 63.53(a) may request a determination by the permitting authority of whether emission limitations adopted pursuant to a prior case-by-case MACT determination under Section 112(g) that apply to one or more sources at a major source in a relevant category or subcategory are substantially as effective as the emission limitations which the permitting authority would otherwise adopt pursuant to Section 112(j) for the source in question. Such a request must be submitted by

the date for the category or subcategory in question specified in Table 1 to this subpart. Any owner or operator who previously submitted such a request under a prior version of this paragraph (e)(2)(ii) need not resubmit the request. Each request for an equivalency determination under this paragraph (e)(2)(ii), regardless of when it was submitted, will be construed in the alternative as a complete application for an equivalent emission limitation under Section 112(j). The process for determination by the permitting authority of whether the emission limitations in the prior case-by-case MACT determination are substantially as effective as the emission limitations which the permitting authority would otherwise adopt under Section 112(j) must include the opportunity for full public, EPA, and affected state review prior to a final determination. If the permitting authority determines that the emission limitations in the prior case-by-case MACT determination are substantially as effective as the emission limitations which the permitting authority would otherwise adopt under Section 112(j), then the permitting authority must adopt the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j) for the source in question. If more than three (3) years remain on the current Title V permit, the owner or operator must submit an application for a Title V permit revision to make any conforming changes in the permit required to adopt the existing emission limitations as the Section 112(j) MACT emission limitations. If less than three (3) years remain on the current Title V permit, any required conforming changes must be made when the permit is renewed. If the permitting authority determines that the emission limitations in the prior case-by-case MACT determination under Section 112(g) are not substantially as effective as the emission limitations which the permitting authority would otherwise adopt for the source in question under Section 112(j), the permitting authority must make a new MACT determination and adopt a Title V permit incorporating an appropriate equivalent emission limitation under Section 112(j). Such a determination constitutes final action for purposes of judicial review under 40 CFR 70.4(b)(3)(x) and corresponding state Title V program provisions.

(3) Within sixty (60) days of submittal of the Part 2 MACT application, the permitting authority must notify the owner or operator in writing whether the application is complete or incomplete. The Part 2 MACT application shall be deemed complete on the date it was submitted unless the permitting authority notifies the owner or operator in writing within sixty (60) days of the submittal that the Part 2 MACT application is incomplete. A Part 2 MACT application is complete if it is sufficient to begin processing the application for a Title V permit addressing Section 112(j) requirements. In the event that the permitting authority disapproves a permit application or determines that the application is incomplete, the owner or operator must revise and resubmit the application to meet the objections of the permitting authority. The permitting authority must specify a reasonable period in which the owner or operator is required to remedy the deficiencies in the disapproved or incomplete application. This period may not exceed six (6) months from the date the owner or operator is first notified that the application has been disapproved or is incomplete.

(4) Following submittal of a Part 1 or Part 2 MACT application, the permitting authority may request additional information from the owner or operator. The owner or operator must respond to such requests in a timely manner.

(5) If the owner or operator has submitted a timely and complete application as required by this section, any failure to have a Title V permit addressing Section 112(j) requirements shall not be a violation of Section 112(j), unless the delay in final action is due to the failure of the applicant to submit, in a timely manner, information required or requested to process the application. Once a complete application is submitted, the owner or operator shall not be in violation of the requirement to have a Title V permit addressing Section 112(j) requirements.

(f) Permit content. The Title V permit must contain an equivalent emission limitation (or limitations) for the relevant category or subcategory determined on a case-by-case basis by the permitting authority, or, if the applicable criteria in Subpart D of this part are met, the Title V permit may contain an alternative emission

limitation. For the purposes of the preceding sentence, early reductions made pursuant to Section 112(i)(5)(A) of the Act must be achieved not later than the date on which the relevant standard should have been promulgated according to the source category schedule for standards.

(1) The Title V permit must contain an emission standard or emission limitation that is equivalent to existing source MACT and an emission standard or emission limitation that is equivalent to new source MACT for control of emissions of HAPs. The MACT emission standards or limitations must be determined by the permitting authority and must be based on the degree of emission reductions that can be achieved if the control technologies or work practices are installed, maintained, and operated properly. The permit must also specify the affected source and the new affected source. If construction of a new affected source or reconstruction of an affected source commences after a Title V permit meeting the requirements of Section 112(j) has been issued for the source, the new source MACT compliance dates must apply.

(2) The Title V permit must specify any notification, operation and maintenance, performance testing, monitoring, and reporting and recordkeeping requirements. In developing the Title V permit, the permitting authority must consider and specify the appropriate provisions of Subpart A of this part. The Title V permit must also include the information in paragraphs (f)(2)(i) through (f)(2)(iii) of this section.

(i) In addition to the MACT emission limitation required by paragraph (f)(1) of this section, additional emission limits, production limits, operational limits, or other terms and conditions necessary to ensure practicable enforceability of the MACT emission limitation.

(ii) Compliance certifications, testing, monitoring, reporting, and recordkeeping requirements that are consistent with requirements established pursuant to Title V and paragraph (h) of this section.

(iii) Compliance dates by which the owner or operator must be in compliance with the MACT emission limitation and all other applicable terms and conditions of the permit.

(A) The owner or operator of an affected source subject to the requirements of this subpart must comply with the emission limitation(s) by the date established in the source's Title V permit. In no case shall such compliance date be later than three (3) years after the issuance of the permit for that source, except where the permitting authority issues a permit that grants an additional year to comply in accordance with Section 112(i)(3)(B) of the Act, or unless otherwise specified in Section 112(i), or in Subpart D of this part.

(B) The owner or operator of a new affected source, as defined in the Title V permit meeting the requirements of Section 112(j), that is subject to the requirements of this subpart must comply with a new source MACT level of control immediately upon startup of the new affected source.

(g) Permit issuance dates. The permitting authority must issue a Title V permit meeting Section 112(j) requirements within eighteen (18) months after submittal of the complete Part 2 MACT application.

(h) Enhanced monitoring. In accordance with Section 114(a)(3) of the Act, monitoring shall be capable of demonstrating continuous compliance for each compliance period during the applicable reporting period. Such monitoring data shall be of sufficient quality to be used as a basis for directly enforcing all applicable requirements established under this subpart, including emission limitations.

(i) MACT emission limitations.

(1) The owner or operator of affected sources subject to paragraphs (a), (b), and (c) of this section must comply with all requirements of this subpart that are applicable to affected sources, including the compliance date for affected sources established in paragraph (f)(2)(iii)(A) of this section.

(2) The owner or operator of new affected sources subject to paragraph (c)(1) of this section must comply with all requirements of this subpart that are applicable to new affected sources, including the compliance date for new affected sources established in paragraph (f)(2)(iii)(B) of this section.

Section 63.53 - Application Content for Case-by-Case MACT Determinations.

(a) Part 1 MACT application. The Part 1 application for a MACT determination must contain the information in paragraphs (a)(1) through (a)(4) of this section.

(1) The name and address (physical location) of the major source.

(2) A brief description of the major source and an identification of the relevant source category.

(3) An identification of the types of emission points belonging to the relevant source category.

(4) An identification of any affected sources for which a Section 112(g) MACT determination has been made.

(b) Part 2 MACT application.

(1) In compiling a Part 2 MACT application, the owner or operator may cross-reference specific information in any prior submission by the owner or operator to the permitting authority, but in cross-referencing such information the owner or operator may not presume favorable action on any prior application or request which is still pending. In compiling a Part 2 MACT application, the owner or operator may also cross-reference any part of a standard proposed by the Administrator pursuant to Section 112(d) or 112(h) of the Act for any category or subcategory which includes sources to which the Part 2 application applies.

(2) The Part 2 application for a MACT determination must contain the information in paragraphs (b)(2)(i) through (b)(2)(v) of this section.

(i) For a new affected source, the anticipated date of startup of operation.

(ii) Each emission point or group of emission points at the affected source which is part of a category or subcategory for which a Part 2 MACT application is required, and each of the HAPs emitted at those emission points. When the Administrator has proposed a standard pursuant to Section 112(d) or 112(h) of the Act for a category or subcategory, such information may be limited to those emission points and HAPs which would be subject to control under the proposed standard.

(iii) Any existing federal, state, or local limitations or requirements governing emissions of HAPs from those emission points which are part of a category or subcategory for which a Part 2 application is required.

(iv) For each identified emission point or group of affected emission points, an identification of control technology in place.

(v) Any additional emission data or other information specifically requested by the permitting authority.

(3) The Part 2 application for a MACT determination may, but is not required to, contain the following information:

(i) Recommended emission limitations for the affected source and support information consistent with Section 63.52(f). The owner or operator may recommend a specific design, equipment, work practice, or operational standard, or combination thereof, as an emission limitation.

(ii) A description of the control technologies that would be applied to meet the emission limitation including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied.

(iii) Relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.

Section 63.54 - Preconstruction Review Procedures for New Affected Sources.

The requirements of this section apply to an owner or operator who constructs a new affected source subject to Section 63.52(c)(1). The purpose of this section is to describe alternative review processes that the permitting authority may use to make a MACT determination for the new affected source.

(a) Review process for new affected sources.

(1) If the permitting authority requires an owner or operator to obtain or revise a Title V permit before construction of the new affected source, or when the owner or operator chooses to obtain or revise a Title V permit before construction, the owner or operator must follow the procedures established under the applicable Title V permit program before construction of the new affected source.

(2) If an owner or operator is not required to obtain or revise a Title V permit before construction of the new affected source (and has not elected to do so), but the new affected source is covered by any preconstruction or preoperation review requirements established pursuant to Section 112(g) of the Act, then the owner or operator must comply with those requirements in order to ensure that the requirements of Section 112(j) and 112(g) are satisfied. If the new affected source is not covered by Section 112(g), the permitting authority, in its discretion, may issue a Notice of MACT Approval, or the equivalent, in accordance with the procedures set forth in paragraphs (b) through (f) of this section, or an equivalent permit review process, before construction or operation of the new affected source.

(3) Regardless of the review process, the MACT determination shall be consistent with the principles established in Section 63.55. The application for a Notice of MACT Approval or a Title V permit, permit modification, or administrative amendment, whichever is applicable, shall include the documentation required by Section 63.53.

(b) Optional administrative procedures for preconstruction or preoperation review for new affected sources. The permitting authority may provide for an enhanced review of Section 112(j) MACT determinations for review procedures and compliance requirements equivalent to those set forth in paragraphs (b) through (f) of this section.

(1) The permitting authority will notify the owner or operator in writing as to whether the application for a MACT determination is complete or whether additional information is required.

(2) The permitting authority will approve an applicant's proposed control technology, or the permitting authority will notify the owner or operator in writing of its intention to disapprove a control technology.

(3) The owner or operator may present in writing, within a time frame specified by the permitting authority, additional information, considerations, or amendments to the application before the permitting authority's issuance of a final disapproval.

(4) The permitting authority will issue a preliminary approval or issue a disapproval of the application, taking into account additional information received from the owner or operator.

(5) A determination to disapprove any application will be in writing and will specify the grounds on which the disapproval is based.

(6) Approval of an applicant's proposed control technology must be set forth in a Notice of MACT Approval (or the equivalent) as described in Section 63.52(f).

(c) Opportunity for public comment on Notice of MACT Approval. The permitting authority will provide opportunity for public comment on the preliminary Notice of MACT Approval prior to issuance, including, at a minimum:

(1) Availability for public inspection in at least one location in the area affected of the information submitted by the owner or operator and of the permitting authority's tentative determination;

(2) A period for submittal of public comment of at least thirty (30) days; and

(3) A notice by prominent advertisement in the area affected of the location of the source information and analysis specified in Section 63.52(f). The form and content of the notice must be substantially equivalent to that found in Section 70.7 of this chapter.

(4) An opportunity for a public hearing, if one is requested. The permitting authority will give at least thirty (30) days notice in advance of any hearing.

(d) Review by the EPA and affected states. The permitting authority must send copies of the preliminary notice (in time for comment) and final notice required by paragraph (c) of this section to the Administrator through the appropriate Regional Office, and to all other state and local air pollution control agencies having jurisdiction in affected states. The permitting authority must provide EPA with a review period for the final notice of at least forty-five (45) days and shall not issue a final Notice of MACT Approval until EPA objections are satisfied.

(e) Compliance with MACT determinations. An owner or operator of a major source that is subject to a MACT determination must comply with notification, operation and maintenance, performance testing, monitoring, reporting, and recordkeeping requirements established under Section 63.52(h), under Title V, and at the discretion of the permitting authority, under Subpart A of this part. The permitting authority must provide the EPA with the opportunity to review compliance requirements for consistency with requirements established pursuant to Title V during the review period under paragraph (d) of this section.

(f) Equivalency under Section 112(l). If a permitting authority requires preconstruction review for new source MACT determinations under this subpart, such requirement shall not necessitate a determination under Subpart E of this part.

Section 63.55 - Maximum Achievable Control Technology (MACT) Determinations for Affected Sources Subject to Case-by-Case Determination of Equivalent Emission Limitations.

(a) Requirements for permitting authorities. The permitting authority must determine whether the Section 63.53(a) Part 1 and Section 63.53(b) Part 2 MACT application is complete or an application for a Notice of MACT Approval is approvable. In either case, when the application is complete or approvable, the permitting authority must establish HAP emissions limitations equivalent to the limitations that would apply if an emission standard had been issued in a timely manner under Section 112(d) or 112(h) of the Act. The permitting authority must establish these emissions limitations consistent with the following requirements and principles:

(1) Emission limitations must be established for the equipment and activities within the affected sources within a source category or subcategory for which the Section 112(j) deadline has passed.

(2) Each emission limitation for an existing affected source must reflect the maximum degree of reduction in emissions of HAPs (including a prohibition on such emissions, where achievable) that the permitting authority, taking into consideration the cost of achieving such emission reduction and any non-air quality health and environmental impacts and energy requirements, determines is achievable by affected sources in the category or subcategory for which the Section 112(j) deadline has passed. This limitation must not be less stringent than the MACT floor which must be established by the permitting authority according to the requirements of Section 112(d)(3)(A) and 112(d)(3)(B) and must be based upon available information.

(3) Each emission limitation for a new affected source must reflect the maximum degree of reduction in emissions of HAPs (including a prohibition on such emissions, where achievable) that the permitting authority, taking into consideration the cost of achieving such emission reduction and any non-air quality health and environmental impacts and energy requirements, determines is achievable. This limitation must not be less stringent than the emission limitation achieved in practice by the best controlled similar source which must be established by the permitting authority according to the requirements of Section 112(d)(3). This limitation must be based upon available information.

(4) The permitting authority must select a specific design, equipment, work practice, or operational standard, or combination thereof, when it is not feasible to prescribe or enforce an equivalent emission limitation due to the nature of the process or pollutant. It is not feasible to prescribe or enforce a limitation when the Administrator determines that HAPs cannot be emitted through a conveyance designed and constructed to capture such pollutant, or that any requirement for, or use of, such a conveyance would be inconsistent with any federal, state, or local law, or the application of measurement methodology to a particular class of sources is not practicable due to technological and economic limitations.

(5) Nothing in this subpart shall prevent a state or local permitting authority from establishing an emission limitation more stringent than required by federal regulations.

(b) Reporting to EPA. The owner or operator must submit additional copies of its Part 1 and Part 2 MACT application for a Title V permit, permit revision, or Notice of MACT Approval, whichever is applicable, to the EPA at the same time the material is submitted to the permitting authority.

Section 63.56 - Requirements for Case-by-Case Determination of Equivalent Emission Limitations After Promulgation of Subsequent MACT Standard.

(a) If the Administrator promulgates a relevant emission standard that is applicable to one or more affected sources within a major source before the date a permit application under this paragraph (a) is approved, the Title V permit must contain the promulgated standard rather than the emission limitation determined under Section 63.52, and the owner or operator must comply with the promulgated standard by the compliance date in the promulgated standard.

(b) If the Administrator promulgates a relevant emission standard under Section 112(d) or 112(h) of the Act that is applicable to a source after the date a permit is issued pursuant to Section 63.52 or Section 63.54, the permitting authority must incorporate requirements of that standard in the Title V permit upon its next renewal. The permitting authority must establish a compliance date in the revised permit that assures that the owner or operator must comply with the promulgated standard within a reasonable time, but not longer than eight (8) years after such standard is promulgated or eight (8) years after the date by which the owner or operator was first required to comply with the emission limitation established by the permit, whichever is earlier. However, in no event shall the period for compliance for existing sources be shorter than that provided for existing sources in the promulgated standard.

(c) Notwithstanding the requirements of paragraph (a) or (b) of this section, the requirements of paragraphs (c)(1) and (c)(2) of this section shall apply.

(1) If the Administrator promulgates an emission standard under Section 112(d) or 112(h) that is applicable to an affected source after the date a permit application under this paragraph is approved under Section 63.52 or Section 63.54, the permitting authority is not required to change the emission limitation in the permit to reflect the promulgated standard if the permitting authority determines that the level of control required by the emission limitation in the permit is substantially as effective as that required by the promulgated standard pursuant to Section 63.1(e).

(2) If the Administrator promulgates an emission standard under Section 112(d) or 112(h) of the Act that is applicable to an affected source after the date a permit application is approved under Section 63.52 or Section 63.54, and the level of control required by the promulgated standard is less stringent than the level of control required by any emission limitation in the prior MACT determination, the permitting authority is not required to incorporate any less stringent emission limitation of the promulgated standard in the Title V permit and may in its discretion consider any more stringent provisions of the MACT determination to be applicable legal requirements when issuing or revising such a Title V permit.

TABLE 1 TO SUBPART B OF PART 63— SECTION 112(J) PART 2 APPLICATION DUE DATES	
Due date	MACT standard
10/30/03	Combustion Turbines. Lime Manufacturing. Site Remediation. Iron and Steel Foundries. Taconite Iron Ore Processing. Miscellaneous Organic Chemical. Manufacturing (MON).[1] Organic Liquids Distribution.

TABLE 1 TO SUBPART B OF PART 63— SECTION 112(J) PART 2 APPLICATION DUE DATES	
	Primary Magnesium Refining. Metal Can (Surface Coating). Plastic Parts and Products (Surface Coating). Chlorine Production. Miscellaneous Metal Parts and Products (Surface Coating) (and Asphalt/Coal Tar Application-Metal Pipes).[2]
4/28/04	Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters.[3] Plywood and Composite Wood Products. Reciprocating Internal Combustion Engines.[4] Auto and Light-Duty Truck (Surface Coating).
11/14/05	Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters.[5] Hydrochloric Acid Production.[6]

[1] Covers 23 source categories, see Table 2 to this subpart.
[2] Two source categories.
[3] Includes all sources in the three categories, Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters that burn no hazardous waste.
[4] Includes engines greater than 500 brake horsepower.
[5] Includes all sources in the three categories, Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters that burn hazardous waste.
[6] Includes furnaces that produce acid from hazardous waste at sources in the category Hydrochloric Acid Production.

TABLE 2 TO SUBPART B OF PART 63— NON SOURCE CATEGORIES
Manufacture of Paints, Coatings, and Adhesives.
Alkyd Resins Production.
Maleic Anhydride Copolymers Production.
Polyester Resins Production.
Polymerized Vinylidene Chloride Production.
Polymethyl Methacrylate Resins Production.
Polyvinyl Acetate Emulsions Production.
Polyvinyl Alcohol Production.
Polyvinyl Butyral Production.
Ammonium Sulfate Production-Caprolactam By-Product Plants.
Quaternary Ammonium Compounds Production.
Benzyltrimethylammonium Chloride Production.
Carbonyl Sulfide Production.
Chelating Agents Production.
Chlorinated Paraffins Production.
Ethylidene Norbornene Production.
Explosives Production.
Hydrazine Production.
OBPA/1,3-Diisocyanate Production.
Photographic Chemicals Production.
Phthalate Plasticizers Production.

TABLE 2 TO SUBPART B OF PART 63— NON SOURCE CATEGORIES
Rubber Chemicals Manufacturing. Symmetrical Tetrachloropyridine Production.

Subpart C - "List of Hazardous Air Pollutants, Petition Process, Lesser Quantity Designations, Source Category List"

The provisions of 40 CFR Part 63 Subpart C, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart C			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	June 18, 1996	[61 FR 30816]
Revision	Vol. 65	August 2, 2000	[65 FR 37342]
Revision	Vol. 69	November 29, 2004	[69 FR 69320]
Revision	Vol. 70	December 19, 2005	[70 FR 75047]

Subpart D - "Regulations Governing Compliance Extensions for Early Reduction of Hazardous Air Pollutants"

The provisions of 40 CFR Part 63 Subpart D, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart D			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 57	December 29, 1992	[57 FR 61970]
Revision	Vol. 58	June 25, 1993	[58 FR 34369]
Revision	Vol. 58	October 27, 1993	[58 FR 57911]
Revision	Vol. 58	November 29, 1993	[58 FR 62539]
Revision	Vol. 59	October 21, 1994	[59 FR 53109]
Revision	Vol. 59	November 21, 1994	[59 FR 59921]

Subpart E - "Approval of State Programs and Delegation of Federal Authorities"

The provisions of 40 CFR Part 63 Subpart E, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart E			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	February 17, 2004	[69 FR 7372]
Revision	Vol. 70	October 13, 2005	[70 FR 59848]
Revision	Vol. 72	May 16, 2007	[72 FR 27437]

Subpart F - "National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry"

The provisions of 40 CFR Part 63 Subpart F, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 1945~~4~~02]
Revision	Vol. 59	September 20, 1994	[59 FR 4817~~6~~5]
Revision	Vol. 59	October 24, 1994	[59 FR 533~~60~~59]
Revision	Vol. 59	October 28, 1994	[59 FR 5413~~2~~1]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 1802~~3~~0]
Revision	Vol. 60	April 10, 1995	[60 FR 1802~~8~~6]
Revision	Vol. 60	December 12, 1995	[60 FR 6362~~6~~4]
Revision	Vol. 61	February 29, 1996	[61 FR 771~~8~~6]
Revision	Vol. 61	June 20, 1996	[61 FR 3143~~2~~5]
Revision	Vol. 61	December 5, 1996	[61 FR 6457~~4~~2]
Revision	Vol. 62	January 17, 1997	[62 FR 272~~9~~2]
Revision	Vol. 63	May 12, 1998	[63 FR 2608~~1~~78]
Revision	Vol. 64	April 26, 1999	[64 FR 2019~~1~~89]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 21, 2006	[71 FR 76603]

Subpart G - "National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater"

The provisions of 40 CFR Part 63 Subpart G, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart G			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 1946~~8~~02]
Revision	Vol. 59	June 6, 1994	[59 FR 29~~201~~196]
Revision	Vol. 59	October 24, 1994	[59 FR 533~~60~~59]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 180240]
Revision	Vol. 60	April 10, 1995	[60 FR 1802~~9~~6]

40 CFR Part 63 Subpart G			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 60	December 12, 1995	[60 FR 6362~~6~~4]
Revision	Vol. 61	February 29, 1996	[61 FR 771~~8~~6]
Revision	Vol. 61	December 5, 1996	[61 FR 6457~~5~~2]
Revision	Vol. 62	January 17, 1997	[62 FR 2742~~2~~2]
Revision	Vol. 63	December 9, 1998	[63 FR 6779~~2~~287]
Revision	Vol. 64	April 26, 1999	[64 FR 2019~~1~~89]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	December 23, 2004	[69 FR 76859]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 21, 2006	[71 FR 76603]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart H - "National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks"

The provisions of 40 CFR Part 63 Subpart H, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart H			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19~~568~~402]
Revision	Vol. 59	September 20, 1994	[59 FR 4817~~6~~5]
Revision	Vol. 59	October 24, 1994	[59 FR 5336~~0~~59]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18024~~0~~]
Revision	Vol. 60	April 10, 1995	[60 FR 1802~~9~~6]
Revision	Vol. 60	December 12, 1995	[60 FR 6363~~1~~24]
Revision	Vol. 61	June 20, 1996	[61 FR 3143~~9~~5]
Revision	Vol. 62	January 17, 1997	[62 FR 278~~8~~822]
Revision	Vol. 64	April 26, 1999	[64 FR 2019~~8~~889]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart I - "National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks"

The provisions of 40 CFR Part 63 Subpart I, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart I			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19587402]
Revision	Vol. 59	September 20, 1994	[59 FR 48178875]
Revision	Vol. 59	October 24, 1994	[59 FR 53360059]
Revision	Vol. 59	October 28, 1994	[59 FR 54132-1]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 180250]
Revision	Vol. 60	April 10, 1995	[60 FR 18030026]
Revision	Vol. 61	February 29, 1996	[61 FR 7718-6]
Revision	Vol. 61	June 20, 1996	[61 FR 31441-35]
Revision	Vol. 62	January 17, 1997	[62 FR 2792-22]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart J - "National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production"

The provisions of 40 CFR Part 63 Subpart J, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart J			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	July 10, 2002	[67 FR 45866]

Subpart K - [Reserved]

Subpart L - "National Emission Standards for Coke Oven Batteries"

The provisions of 40 CFR Part 63 Subpart L, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart L			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 58	October 27, 1993	[58 FR 57911]
Revision	Vol. 59	January 13, 1994	[59 FR 1992]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	April 15, 2005	[70 FR 19992]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart M - "National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities"

The provisions of 40 CFR Part 63 Subpart M, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart M			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 58	September 22, 1993	[58 FR 493~~76~~54]
Revision	Vol. 58	December 20, 1993	[58 FR 6628~~9~~7]
Revision	Vol. 61	June 3, 1996	[61 FR 2778~~8~~5]
Revision	Vol. 61	June 11, 1996	[61 FR 29485]
Revision	Vol. 61	September 19, 1996	[61 FR 4926~~5~~3]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	July 27, 2006	[71 FR 42724]
Revision	Vol. 71	September 21, 2006	[71 FR 55280]
Revision	Vol. 73	April 1, 2008	[73 FR 17252]
Revision	Vol. 73	July 11, 2008	[73 FR 39871]

Subpart N - "National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks"

The provisions of 40 CFR Part 63 Subpart N, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart N			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	January 25, 1995	[60 FR 49~~63~~48]
Revision	Vol. 60	May 24, 1995	[60 FR 27598]
Revision	Vol. 60	June 27, 1995	[60 FR 33122]
Revision	Vol. 61	June 3, 1996	[61 FR 2778~~7~~5]
Revision	Vol. 62	January 30, 1997	[62 FR 4465~~3~~]
~~Revision~~	~~Vol. 62~~	~~August 11, 1997~~	~~[62 FR 42920]~~
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	July 19, 2004	[69 FR 42885]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 77	September 19, 2012	[77 FR 58220]

Subpart O - "Ethylene Oxide Emission Standards for Sterilization Facilities"

The provisions of 40 CFR Part 63 Subpart O, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart O			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 6, 1994	[59 FR 625895]
Revision	Vol. 61	June 3, 1996	[61 FR 27788 5]
Revision	Vol. 62	December 9, 1997	[62 FR 64736]
Revision	Vol. 63	December 4, 1998	[63 FR 669940]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 66	November 2, 2001	[66 FR 55577]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 7, 2006	[71 FR17712]

Subpart P - [Reserved]

Subpart Q - "National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers"

The provisions of 40 CFR Part 63 Subpart Q, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart Q			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	September 8, 1994	[59 FR 46350]
Revision	Vol. 63	July 23, 1998	[63 FR 39519]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 71	April 7, 2006	[71 FR 17729]

Subpart R - "National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)"

The provisions of 40 CFR Part 63 Subpart R, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart R			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 14, 1994	[59 FR 643 1803]
Revision	Vol. 60	February 8, 1995	[60 FR 7627]
Revision	Vol. 60	June 26, 1995	[60 FR 32913 2]
Revision	Vol. 60	August 18, 1995	[60 FR 432 6044]

40 CFR Part 63 Subpart R			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 60	December 8, 1995	[60 FR 629921]
Revision	Vol. 61	February 29, 1996	[61 FR 772318]
Revision	Vol. 62	February 28, 1997	[62 FR 909287]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]
Revision	Vol. 71	April 6, 2006	[71 FR 17352]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart S - "National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry"

The provisions of 40 CFR Part 63 Subpart S, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	April 15, 1998	[63 FR 18616504]
Revision	Vol. 63	August 7, 1998	[63 FR 422398]
Revision	Vol. 63	September 16, 1998	[63 FR 494595]
Revision	Vol. 63	December 28, 1998	[63 FR 713895]
Revision	Vol. 64	April 12, 1999	[64 FR 17563355]
Revision	Vol. 65	December 22, 2000	[65 FR 80755]
Revision	Vol. 66	May 14, 2001	[66 FR 24268]
Revision	Vol. 66	October 16, 2001	[66 FR 52537]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 77	September 11, 2012	[77 FR 55698]

Subpart T - "National Emission Standards for Halogenated Solvent Cleaning"

The provisions of 40 CFR Part 63 Subpart T, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart T			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 2, 1994	[59 FR 618051]
Revision	Vol. 59	December 30, 1994	[59 FR 67750]
Revision	Vol. 60	June 5, 1995	[60 FR 294854]
Revision	Vol. 63	May 5, 1998	[63 FR 2475149]
Revision	Vol. 63	December 11, 1998	[63 FR 68400397]
Revision	Vol. 64	July 13, 1999	[64 FR 376873]
Revision	Vol. 64	August 19, 1999	[64 FR 45187]

40 CFR Part 63 Subpart T			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 64	October 18, 1999	[64 FR 56173]
Revision	Vol. 64	December 3, 1999	[64 FR 67793]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 65	September 8, 2000	[65 FR 54419]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 72	May 3, 2007	[72 FR 25138]

Subpart U - "National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins"

The provisions of 40 CFR Part 63 Subpart U, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart U			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	September 5, 1996	[61 FR 46924]
Revision	Vol. 62	January 14, 1997	[62 FR 1837]
Revision	Vol. 62	March 17, 1997	[62 FR 12549]
Revision	Vol. 62	July 15, 1997	[62 FR 37722]
Revision	Vol. 64	March 9, 1999	[64 FR 11542]
Revision	Vol. 64	May 7, 1999	[64 FR 24511]
Revision	Vol. 64	June 30, 1999	[64 FR 35028]
Revision	Vol. 65	June 19, 2000	[65 FR 38030]
Revision	Vol. 66	July 16, 2001	[66 FR 36924]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Subpart V - [Reserved]

Subpart W - "National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production"

The provisions of 40 CFR Part 63 Subpart W, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart W			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	March 8, 1995	[60 FR 12676]

40 CFR Part 63 Subpart W			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart X - "National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting"

The provisions of 40 CFR Part 63 Subpart X, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	June 23, 1995	[60 FR 3259~~4~~487]
Revision	Vol. 61	June 3, 1996	[61 FR 2778~~8~~5]
Revision	Vol. 61	December 12, 1996	[61 FR 6533~~6~~4]
Revision	Vol. 62	June 13, 1997	[62 FR 3221~~6~~0]
Revision	Vol. 63	August 24, 1998	[63 FR 450~~11~~07]
Revision	Vol. 64	January 29, 1999	[64 FR 457~~2~~0]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 77	January 5, 2012	[77 FR 556]

Subpart Y - "National Emission Standards for Marine Tank Vessel Loading Operations"

The provisions of 40 CFR Part 63 Subpart Y, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart Y			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	September 19, 1995	[60 FR 4839~~9~~88]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Subpart Z - [Reserved]

Subpart AA - "National Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants"

The provisions of 40 CFR Part 63 Subpart AA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart AA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 10, 1999	[64 FR 31376]
Revision	Vol. 66	December 17, 2001	[66 FR 65072]
Revision	Vol. 67	June 12, 2002	[67 FR 40578]
Revision	Vol. 67	June 13, 2002	[67 FR 40814]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart BB - "National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizer Production Plants"

The provisions of 40 CFR Part 63 Subpart BB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart BB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 10, 1999	[64 FR 31382]
Revision	Vol. 66	December 17, 2001	[66 FR 65072]
Revision	Vol. 67	June 13, 2002	[67 FR 40814]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart CC - "National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries"

The provisions of 40 CFR Part 63 Subpart CC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	August 18, 1995	[60 FR 43260]
Revision	Vol. 60	September 27, 1995	[60 FR 49976]
Revision	Vol. 61	February 23, 1996	[61 FR 7051]
Revision	Vol. 61	June 12, 1996	[61 FR 29878]
Revision	Vol. 61	June 28, 1996	[61 FR 33799]
Revision	Vol. 62	February 21, 1997	[62 FR 7938]
Revision	Vol. 63	March 20, 1998	[63 FR 13537]
Revision	Vol. 63	May 18, 1998	[63 FR 27212]
Revision	Vol. 63	June 9, 1998	[63 FR 31361]
Revision	Vol. 63	August 18, 1998	[63 FR 44140]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]

40 CFR Part 63 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	July 6, 2000	[65 FR 41594]
Revision	Vol. 66	May 25, 2001	[66 FR 28840]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 74	October 28, 2009	[74 FR 55670]
Revision	Vol. 75	June 30, 2010	[75 FR 37730]
Revision	Vol. 76	July 18, 2011	[76 FR 42052]
Revision	Vol. 78	June 20, 2013	[78 FR 37133]

Subpart DD - "National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations"

The provisions of 40 CFR Part 63 Subpart DD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 3415~~8~~40]
Revision	Vol. 64	July 20, 1999	[64 FR 3896~~3~~50]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart EE - "National Emission Standards for Magnetic Tape Manufacturing Operations"

The provisions of 40 CFR Part 63 Subpart EE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 15, 1994	[59 FR 64596]
Revision	Vol. 64	April 9, 1999	[64 FR 17464]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart FF - [Reserved]

Subpart GG - "National Emission Standards for Aerospace Manufacturing and Rework Facilities"

The provisions of 40 CFR Part 63 Subpart GG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GG

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 60	September 1, 1995	[60 FR 45956]
Revision	Vol. 61	February 9, 1996	[61 FR 4903]
Revision	Vol. 61	December 17, 1996	[61 FR 66227]
Revision	Vol. 63	March 27, 1998	[63 FR 150~~16~~06]
Revision	Vol. 63	September 1, 1998	[63 FR 465~~32~~26]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 8, 2000	[65 FR 76941]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart HH - "National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities"

The provisions of 40 CFR Part 63 Subpart HH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 17, 1999	[64 FR 32628]
Revisions	Vol. 66	June 29, 2001	[66 FR 34548]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 72	January 3, 2007	[72 FR 26]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 77	August 16, 2012	[77 FR 49490]

Subpart II - "National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)"

The provisions of 40 CFR Part 63 Subpart II, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart II			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 15, 1995	[60 FR 643~~3~~60]
Revision	Vol. 61	June 18, 1996	[61 FR 3081~~6~~4]
Revision	Vol. 61	December 17, 1996	[61 FR 6622~~7~~6]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	December 29, 2006	[71 FR 783~~6~~992]
Revision	Vol. 72	February 27, 2007	[72 FR 8630]
Revision	Vol. 76	November 21, 2011	[76 FR 72050]

Subpart JJ - "National Emission Standards for Wood Furniture Manufacturing Operations"

The provisions of 40 CFR Part 63 Subpart JJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 7, 1995	[60 FR 629360]
Revision	Vol. 62	June 3, 1997	[62 FR 302597]
Revision	Vol. 62	June 9, 1997	[62 FR 313631]
Revision	Vol. 63	December 28, 1998	[63 FR 7138076]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 76	November 21, 2011	[76 FR 72050]

Subpart KK - "National Emission Standards for the Printing and Publishing Industry"

The provisions of 40 CFR Part 63 Subpart KK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart KK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	May 30, 1996	[61 FR 2714032]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	May 24, 2006	[71 FR 29792]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Subpart LL - "National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants"

The provisions of 40 CFR Part 63 Subpart LL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	October 7, 1997	[62 FR 52407]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
~~Revision~~	~~Vol. 69~~	~~April 9, 2004~~	~~[69 FR 18801]~~
Revision	Vol. 70	November 2, 2005	[70 FR 66280]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart MM - "National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills"

The provisions of 40 CFR Part 63 Subpart MM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 66	January 12, 2001	[66 FR 3180]
Revision	Vol. 66	March 26, 2001	[66 FR 16400]
Revision	Vol. 66	July 19, 2001	[66 FR 37591]
Revision	Vol. 66	August 6, 2001	[66 FR 41086]
Revision	Vol. 68	February 18, 2003	[68 FR 7706]
Revision	Vol. 68	May 8, 2003	[68 FR 24653]
Revision	Vol. 68	July 18, 2003	[68 FR 42603]
Revision	Vol. 68	December 5, 2003	[68 FR 67953]
Revision	Vol. 69	May 6, 2004	[69 FR 25321]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart NN - [Reserved]

Subpart OO - "National Emission Standards for Tanks - Level 1"

The provisions of 40 CFR Part 63 Subpart OO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart OO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34184]
Revision	Vol. 64	July 20, 1999	[64 FR 38985]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart PP - "National Emission Standards for Containers"

The provisions of 40 CFR Part 63 Subpart PP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34186]
Revision	Vol. 64	July 20, 1999	[64 FR 38987]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart QQ - "National Emission Standards for Surface Impoundments"

The provisions of 40 CFR Part 63 Subpart QQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34190]
Revision	Vol. 64	July 20, 1999	[64 FR 38988]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart RR - "National Emission Standards for Individual Drain Systems"

The provisions of 40 CFR Part 63 Subpart RR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34193]
Revision	Vol. 64	July 20, 1999	[64 FR 38989]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart SS - "National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process"

The provisions of 40 CFR Part 63 Subpart SS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34866654]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart TT - "National Emission Standards for Equipment Leaks - Control Level 1"

The provisions of 40 CFR Part 63 Subpart TT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34886654]

40 CFR Part 63 Subpart TT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]

Subpart UU - "National Emission Standards for Equipment Leaks - Control Level 2 Standards"

The provisions of 40 CFR Part 63 Subpart UU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34899954]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]

Subpart VV - "National Emission Standards for Oil-Water Separators and Organic-Water Separators"

The provisions of 40 CFR Part 63 Subpart VV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart VV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34195]
Revision	Vol. 64	July 20, 1999	[64 FR 38991]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart WW - "National Emission Standards for Storage Vessels (Tanks) - Control Level 2"

The provisions of 40 CFR Part 63 Subpart WW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34918854]
Revision	Vol.67	July 12, 2002	[67 FR 46258]

Subpart XX - "National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations"

The provisions of 40 CFR Part 63 Subpart XX, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart XX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	July 12, 2002	[67 FR 46258]
Revision	Vol. 70	April 13, 2005	[70 FR 19266]

Subpart YY - "National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards"

The provisions of 40 CFR Part 63 Subpart YY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34~~921~~854]
Revision	Vol. 64	November 22, 1999	[64 FR 63695]
Revision	Vol. 64	December 22, 1999	[64 FR 71852]
Revision	Vol. 66	November 2, 2001	[66 FR 55844]
Revision	Vol. 67	June 7, 2002	[67 FR 39301]
Revision	Vol. 67	July 12, 2002	[67 FR 46258, 46289]
Revision	Vol. 68	February 10, 2003	[68 FR 6635]
Revision	Vol. 70	April 13, 2005	[70 FR 19266]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 72	June 29, 2007	[72 FR 35663]

Subpart ZZ - [Reserved]

Subpart AAA - [Reserved]

Subpart BBB - [Reserved]

Subpart CCC - "National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCI Process Facilities and Hydrochloric Acid Regeneration Plants"

The provisions of 40 CFR Part 63 Subpart CCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 22, 1999	[64 FR 33218]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

40 CFR Part 63 Subpart CCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 77	September 19, 2012	[77 FR 58220]

Subpart DDD - "National Emission Standards for Hazardous Air Pollutants for Mineral Wood Production"

The provisions of 40 CFR Part 63 Subpart DDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 1, 1999	[64 FR 29503]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 76	December 1, 2011	[76 FR 74708]

Subpart EEE - "National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors"

The provisions of 40 CFR Part 63 Subpart EEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	June 19, 1998	[63 FR 33820]
Revision	Vol. 64	September, 30, 1999	[64 FR 5~~3027~~2828]
Revision	Vol. 64	November 19, 1999	[64 FR 63209]
Revision	Vol. 65	July 10, 2000	[65 FR 42292]
Revision	Vol. 65	November 9, 2000	[65 FR 67268]
Revision	Vol. 66	May 14, 2001	[66 FR 24270]
Revision	Vol. 66	July 3, 2001	[66 FR 35087]
Revision	Vol. 66	October 15, 2001	[66 FR 52361]
Revision	Vol. 66	December 6, 2001	[66 FR 63313]
Revision	Vol. 67	February 13, 2002	[67 FR 6792]
Revision	Vol. 67	February 14, 2002	[67 FR 6968]
Revision	Vol. 67	December 19, 2002	[67 FR 77687]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 70	June 14, 2005	[70 FR 34538]
Revision	Vol. 70	October 12, 2005	[70 FR 59402]
Revision	Vol. 70	December 19, 2005	[70 FR 75042]
Revision	Vol. 71	March 23, 2006	[71 FR 14655]

40 CFR Part 63 Subpart EEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	October 25, 2006	[71 FR 62388]
Revision	Vol. 73	April 8, 2008	[73 FR 18970]
Revision	Vol. 73	October 28, 2008	[73 FR 64068]

Subpart FFF - [Reserved]

Subpart GGG - "National Emission Standards for Pharmaceuticals Production"

The provisions of 40 CFR Part 63 Subpart GGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	September 21, 1998	[63 FR 50~~326~~280]
Revision	Vol. 65	August 29, 2000	[65 FR 52588]
Revision	Vol. 66	August 2, 2001	[66 FR 40121]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	May 13, 2005	[70 FR 256~~66~~71]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Subpart HHH - "National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities"

The provisions of 40 CFR Part 63 Subpart HHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 17, 1999	[64 FR 32647]
Revision	Vol. 66	June 29, 2001	[66 FR 34548]
Revision	Vol. 66	September 27, 2001	[66 FR 49299]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 77	August 16, 2012	[77 FR 49490]

Subpart III - "National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production"

The provisions of 40 CFR Part 63 Subpart III, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart III			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	October 7, 1998	[63 FR 53996]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart JJJ - "National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins"

The provisions of 40 CFR Part 63 Subpart JJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	September 12, 1996	[61 FR 48229908]
Revision	Vol. 61	October 18, 1996	[61 FR 54342]
Revision	Vol. 62	January 14, 1997	[62 FR 183885]
Revision	Vol. 62	June 6, 1997	[62 FR 309953]
Revision	Vol. 62	July 15, 1997	[62 FR 377220]
Revision	Vol. 63	February 27, 1998	[63 FR 9944]
Revision	Vol. 63	March 31, 1998	[63 FR 153152]
Revision	Vol. 64	March 9, 1999	[64 FR 11547736]
Revision	Vol. 64	June 8, 1999	[64 FR 30409696]
Revision	Vol. 64	June 30, 1999	[64 FR 35028883]
Revision	Vol. 65	June 19, 2000	[65 FR 38094430]
Revision	Vol. 65	August 29, 2000	[65 FR 52588319]
Revision	Vol. 65	October 26, 2000	[65 FR 64161]
Revision	Vol. 66	February 23, 2001	[66 FR 11233]
Revision	Vol. 66	February 26, 2001	[66 FR 11543]
Revision	Vol. 66	July 16, 2001	[66 FR 36924]
Revision	Vol. 66	August 6, 2001	[66 FR 40903]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	June 2, 2004	[69 FR 31008]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart KKK - [Reserved]

Subpart LLL - "National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry"

The provisions of 40 CFR Part 63 Subpart LLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 14, 1999	[64 FR 31925898]
Revision	Vol. 64	September 30, 1999	[64 FR 53070 2828]
Revision	Vol. 67	April 5, 2002	[67 FR 16614]
Revision	Vol. 67	December 6, 2002	[67 FR 72580]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	December 20, 2006	[71 FR 76518]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 76	January 18, 2011	[76 FR 2832]
Revision	Vol. 78	February 12, 2013	[78 FR 10006]

Subpart MMM - "National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production"

The provisions of 40 CFR Part 63 Subpart MMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 23, 1999	[64 FR 33589950]
Revision	Vol. 66	November 21, 2001	[66 FR 58393, 58396]
Revision	Vol. 67	March 22, 2002	[67 FR 13508, 13514]
Revision	Vol. 67	May 1, 2002	[67 FR 21579]
Revision	Vol. 67	June 3, 2002	[67 FR 38200]
Revision	Vol. 67	September 20, 2002	[67 FR 59336]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart NNN - "National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing"

The provisions of 40 CFR Part 63 Subpart NNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 14, 1999	[64 FR 31708695]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart OOO - "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins"

The provisions of 40 CFR Part 63 Subpart OOO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart OOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	January 20, 2000	[65 FR 3276]
Revision	Vol. 65	February 22, 2000	[65 FR 8768]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart PPP - "National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production"

The provisions of 40 CFR Part 63 Subpart PPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 1, 1999	[64 FR 29~~439~~20]
Revision	Vol. 64	June 14, 1999	[64 FR 31895]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	July 1, 2004	[69 FR 39862]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart QQQ - "National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting"

The provisions of 40 CFR Part 63 Subpart QQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	June 12, 2002	[67 FR 40478]
Revision	Vol. 70	July 14, 2005	[70 FR 40672]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart RRR - "National Emission Standards for Hazardous Air Pollutant for Secondary Aluminum Production"

The provisions of 40 CFR Part 63 Subpart RRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	March 23, 2000	[65 FR 15690]
Revision	Vol. 67	June 14, 2002	[67 FR 41118]
Revision	Vol. 67	August 13, 2002	[67 FR 52616]
Revision	Vol. 67	September 24, 2002	[67 FR 59787]
Revision	Vol. 67	November 8, 2002	[67 FR 68038]
Revision	Vol. 67	December 30, 2002	[67 FR 79808]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
~~Revision~~	~~Vol. 69~~	~~April 9, 2004~~	~~[69 FR 18801]~~
Revision	Vol. 69	September 3, 2004	[69 FR 53980]
Revision	Vol. 70	October 3, 2005	[70 FR 57513]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart SSS - [Reserved]

Subpart TTT - "National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting"

The provisions of 40 CFR Part 63 Subpart TTT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 4, 1999	[64 FR 30204]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 76	November 15, 2011	[76 FR 70834]

Subpart UUU - "National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units"

The provisions of 40 CFR Part 63 Subpart UUU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	April 11, 2002	[67 FR 17762]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]

40 CFR Part 63 Subpart UUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 70	February 9, 2005	[70 FR 6930]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart VVV - "National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works"

The provisions of 40 CFR Part 63 Subpart VVV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart VVV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	October 26, 1999	[64 FR 57572]
Revision	Vol. 66	March 23, 2001	[66 FR 16140]
Revision	Vol. 67	October 10, 2002	[67 FR 64742]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart WWW - [Reserved]

Subpart XXX - "National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese"

The provisions of 40 CFR Part 63 Subpart XXX, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart XXX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	May 20, 1999	[64 FR 27458]
Revision	Vol. 66	March 22, 2001	[66 FR 16007]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart YYY - [Reserved]

Subpart ZZZ - [Reserved]

Subpart AAAA - "National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills"

The provisions of 40 CFR Part 63 Subpart AAAA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart AAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	January 16, 2003	[68 FR 2227]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart BBBB - [Reserved]

Subpart CCCC - "National Emission Standards for Hazardous Air Pollutants: Manufacturing of Nutritional Yeast"

The provisions of 40 CFR Part 63 Subpart CCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 66	May 21, 2001	[66 FR 27876]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart DDDD - "National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products"

The provisions of 40 CFR Part 63 Subpart DDDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	July 30, 2004	[69 FR 45944]
Revision	Vol. 71	February 16, 2006	[71 FR 8347]
Revision	Vol. 72	October 29, 2007	[72 FR 61060]

Subpart EEEE - "National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)"

The provisions of 40 CFR Part 63 Subpart EEEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	February 3, 2004	[69 FR 5038]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 28, 2006	[71 FR 42898]
Revision	Vol. 73	April 23, 2008	[73 FR 21825]
Revision	Vol. 72	July 17, 2008	[73 FR 40977]

40 CFR Part 63 Subpart EEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart FFFF - "National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing"

The provisions of 40 CFR Part 63 Subpart FFFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart FFFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	November 10, 2003	[68 FR 63852]
Revision	Vol. 70	July 1, 2005	[70 FR 38554]
Revision	Vol. 70	August 30, 2005	[70 FR 51269]
Revision	Vol. 71	March 1, 2006	[71 FR 10439]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 14, 2006	[71 FR 40316]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart GGGG - "National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production"

The provisions of 40 CFR Part 63 Subpart GGGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 66	April 12, 2001	[66 FR 19006]
Revision	Vol. 67	April 5, 2002	[67 FR 16317]
Revision	Vol. 69	September 1, 2004	[69 FR 53338]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart HHHH - "National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production"

The provisions of 40 CFR Part 63 Subpart HHHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	April 11, 2002	[67 FR 17824]
~~Revision~~	~~Vol. 69~~	~~April 9, 2004~~	~~[69 FR 18801]~~

40 CFR Part 63 Subpart HHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart IIII - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks"

The provisions of 40 CFR Part 63 Subpart IIII, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart IIII			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 22, 2006	[71 FR 76922]
Revision	Vol. 72	April 24, 2007	[72 FR 20227]

Subpart JJJJ - "National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating"

The provisions of 40 CFR Part 63 Subpart JJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	December 4, 2002	[67 FR 72330]
Revision	Vol. 71	May 24, 2006	[71 FR 29792]

Subpart KKKK - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans"

The provisions of 40 CFR Part 63 Subpart KKKK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart KKKK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	November 12, 2003	[68 FR 64432]
Revision	Vol. 71	January 6, 2006	[71 FR 1378]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart LLLL - [Reserved]

Subpart MMMM - "National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products"

The provisions of 40 CFR Part 63 Subpart MMMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	January 2, 2004	[69 FR 130]
Revision	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 22, 2006	[71 FR 76922]

Subpart NNNN - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances"

The provisions of 40 CFR Part 63 Subpart NNNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	July 23, 2002	[67 FR 48254]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart OOOO - "National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles"

The provisions of 40 CFR Part 63 Subpart OOOO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart OOOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 29, 2003	[68 FR 32172]
Revision	Vol. 69	August 4, 2004	[69 FR 47001]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	May 24, 2006	[71 FR 29792]

Subpart PPPP - "National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products"

The provisions of 40 CFR Part 63 Subpart PPPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 63 Subpart PPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	April 19, 2004	[69 FR 20968]
Revision	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 22, 2006	[71 FR 76922]
Revision	Vol. 72	April 24, 2007	[72 FR 20227]

Subpart QQQQ - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products"

The provisions of 40 CFR Part 63 Subpart QQQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 28, 2003	[68 FR 31746]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart RRRR - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture"

The provisions of 40 CFR Part 63 Subpart RRRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 23, 2003	[68 FR 28606]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart SSSS - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil"

The provisions of 40 CFR Part 63 Subpart SSSS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SSSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	June 10, 2002	[67 FR 39794]
Revision	Vol. 68	March 17, 2003	[68 FR 12590]

Subpart TTTT - "National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations"

The provisions of 40 CFR Part 63 Subpart TTTT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TTTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	February 27, 2002	[67 FR 9156]
Revision	Vol. 70	February 7, 2005	[70 FR 6355]

Subpart UUUU - "National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing"

The provisions of 40 CFR Part 63 Subpart UUUU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UUUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	June 11, 2002	[67 FR 40044]
Revision	Vol. 70	June 24, 2005	[70 FR 36523]
Revision	Vol. 70	August 10, 2005	[70 FR 46684]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart VVVV - "National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing"

The provisions of 40 CFR Part 63 Subpart VVVV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart VVVV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 66	August 22, 2001	[66 FR 44218]
Revision	Vol. 66	October 3, 2001	[66 FR 50504]

Subpart WWWW - "National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production"

The provisions of 40 CFR Part 63 Subpart WWWW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WWWW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 21, 2003	[68 FR 19375]

40 CFR Part 63 Subpart WWWW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 70	August 25, 2005	[70 FR 50118]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart XXXX - "National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing"

The provisions of 40 CFR Part 63 Subpart XXXX, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart XXXX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	July 9, 2002	[67 FR 45588]
Revision	Vol. 68	March 12, 2003	[68 FR 11745]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart YYYY - "National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines"

The provisions of 40 CFR Part 63 Subpart YYYY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YYYY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	March 5, 2004	[69 FR 10512]
Revision	Vol. 69	August 18, 2004	[69 FR 51184]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart ZZZZ - "National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines"

The provisions of 40 CFR Part 63 Subpart ZZZZ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart ZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	June 15, 2004	[69 FR 33474]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 75	March 3, 2010	[75 FR 9648]
Revision	Vol. 75	June 30, 2010	[75 FR 37732]
Revision	Vol. 75	August 20, 2010	[75 FR 51570]

40 CFR Part 63 Subpart ZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 76	March 9, 2011	[76 FR 12863]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]
Revision	Vol. 78	March 6, 2013	[78 FR 14457]

Subpart AAAAA - "National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants"

The provisions of 40 CFR Part 63 Subpart AAAAA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart AAAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	January 5, 2004	[69 FR 394]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart BBBBB - "National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing"

The provisions of 40 CFR Part 63 Subpart BBBBB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart BBBBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 22, 2003	[68 FR 27913]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	July 22, 2008	[73 FR 42529]

Subpart CCCCC - "National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks"

The provisions of 40 CFR Part 63 Subpart CCCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 14, 2003	[68 FR 18008]
Revision	Vol. 69	October 13, 2004	[69 FR 60813]
Revision	Vol. 70	January 10, 2005	[70 FR 1670]
Revision	Vol. 70	August 2, 2005	[70 FR 44285]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart DDDDD - [Reserved]

Subpart EEEEE - "National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries"

The provisions of 40 CFR Part 63 Subpart EEEEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	April 22, 2004	[69 FR 21906]
Revision	Vol. 70	May 20, 2005	[70 FR 29400]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	February 7, 2008	[73 FR ~~8408~~7210]

Subpart FFFFF - "National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities"

The provisions of 40 CFR Part 63 Subpart FFFFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart FFFFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 20, 2003	[68 FR 27646]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 13, 2006	[71 FR 39579]

Subpart GGGGG - "National Emission Standards for Hazardous Air Pollutants: Site Remediation"

The provisions of 40 CFR Part 63 Subpart GGGGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGGGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	October 8, 2003	[68 FR 58172]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	November 29, 2006	[71 FR 69011]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart HHHHH - "National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing"

The provisions of 40 CFR Part 63 Subpart HHHHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	December 11, 2003	[68 FR 69164]
Revision	Vol. 68	December 29, 2003	[68 FR 75033]
Revision	Vol. 70	May 13, 2005	[70 FR 25676]
Revision	Vol. 70	July 6, 2005	[70 FR 38780]
Revision	Vol. 70	December 21, 2005	[70 FR 75924]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	October 4, 2006	[71 FR 58499]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart IIIII - "National Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell Chlor-Alkali Plants"

The provisions of 40 CFR Part 63 Subpart IIIII, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart IIIII			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	December 19, 2003	[68 FR 70904]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart JJJJJ - [Reserved]

Subpart KKKKK - [Reserved]

Subpart LLLLL - "National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing"

The provisions of 40 CFR Part 63 Subpart LLLLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LLLLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 29, 2003	[68 FR 22976]
Revision	Vol. 68	May 7, 2003	[68 FR 24562]
Revision	Vol. 70	May 17, 2005	[70 FR 28360]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart MMMMM - "National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations"

The provisions of 40 CFR Part 63 Subpart MMMMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMMMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 14, 2003	[68 FR 18062]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart NNNNN - "National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production"

The provisions of 40 CFR Part 63 Subpart NNNNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNNNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 17, 2003	[68 FR 19076]
Revision	Vol. 71	April 7, 2006	[71 FR 17738]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart OOOOO - [Reserved]

Subpart PPPPP - "National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands"

The provisions of 40 CFR Part 63 Subpart PPPPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 27, 2003	[68 FR 28774]
Revision	Vol. 68	August 28, 2003	[68 FR 51830]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart QQQQQ - "National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities"

The provisions of 40 CFR Part 63 Subpart QQQQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQQQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 63 Subpart QQQQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	October 18, 2002	[67 FR 64498]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart RRRRR - "National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing"

The provisions of 40 CFR Part 63 Subpart RRRRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRRRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	October 30, 2003	[68 FR 61868]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart SSSSS - "National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing"

The provisions of 40 CFR Part 63 Subpart SSSSS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SSSSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 16, 2003	[68 FR 18730]
Revision	Vol. 71	February 13, 2006	[71 FR 7415]
Revision	Vol. 71	April 14, 2006	[71 FR 19435]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart TTTTT - "National Emissions Standards for Hazardous Air Pollutants for Primary Magnesium Refining"

The provisions of 40 CFR Part 63 Subpart TTTTT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TTTTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	October 10, 2003	[68 FR 58615]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart UUUUU - "National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units"

The provisions of 40 CFR Part 63 Subpart UUUUU, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UUUUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 19, 2012	[77 FR 23399]
Revision	Vol. 77	August 2, 2012	[77 FR 45967]
Revision	Vol. 78	April 24, 2013	[78 FR 24073]

Subpart VVVVV - [Reserved]

Subpart WWWWW - "National Emission Standards for Hospital Ethylene Oxide Sterilizers"

The provisions of 40 CFR Part 63 Subpart WWWWW, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WWWWW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 28, 2007	[72 FR 73611]

Subpart XXXXX - [Reserved]

Subpart YYYYY - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities"

The provisions of 40 CFR Part 63 Subpart YYYYY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YYYYY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 28, 2007	[72 FR 74088]
Revision	Vol. 73	December 1, 2008	[73 FR 72727]
Revision	Vol. 74	February 26, 2009	[74 FR 8756]

Subpart ZZZZZ - "National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources"

The provisions of 40 CFR Part 63 Subpart ZZZZZ, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart ZZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 2, 2008	[73 FR 226]

Subpart AAAAAA - [Reserved]

Subpart BBBBBB - "National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities"

The provisions of 40 CFR Part 63 Subpart BBBBBB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart BBBBBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 10, 2008	[73 FR 1916]
Revision	Vol. 73	March 7, 2008	[73 FR 12275]
Revision	Vol. 76	January 24, 2011	[76 FR 4156]

Subpart CCCCCC - "National Emission Standards For Hazardous Air Pollutants For Source Category: Gasoline Dispensing Facilities"

The provisions of 40 CFR Part 63 Subpart CCCCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCCCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 10, 2008	[73 FR 1916]
Revision	Vol. 73	March 7, 2008	[73 FR 12275]
Revision	Vol. 73	June 25, 2008	[73 FR 35939]
Revision	Vol. 76	January 24, 2011	[76 FR 4156]

Subpart DDDDDD - "National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources"

The provisions of 40 CFR Part 63 Subpart DDDDDD, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DDDDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 77	April 17, 2012	[77 FR 22848]

Subpart EEEEEE - "National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources"

The provisions of 40 CFR Part 63 Subpart EEEEEE, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 63 Subpart EEEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 3, 2007	[72 FR 36363]

Subpart FFFFFF - "National Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources"

The provisions of 40 CFR Part 63 Subpart FFFFFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart FFFFFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 3, 2007	[72 FR 36363]

Subpart GGGGGG - "National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources—Zinc, Cadmium, and Beryllium"

The provisions of 40 CFR Part 63 Subpart GGGGGG, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGGGGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]

Subpart HHHHHH - "National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources"

The provisions of 40 CFR Part 63 Subpart HHHHHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 9, 2008	[73 FR 1738]
Revision	Vol. 73	February 13, 2008	[73 FR 8408]

Subpart IIIIII - [Reserved]

Subpart JJJJJJ - ~~[Reserved]~~ "National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers"

The provisions of 40 CFR Part 63 Subpart JJJJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	September 13, 2004	[69 FR 55217]
Revision	Vol. 70	December 28, 2005	[70 FR 76918]
Revision	Vol. 71	December 6, 2006	[71 FR 70651]
Revision	Vol. 76	March 21, 2011	[76 FR 15554]
Revision	Vol. 76	March 21, 2011	[76 FR 15608]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	January 31, 2013	[78 FR 7138]
Revision	Vol. 78	February 1, 2013	[78 FR 7488]

Subpart KKKKKK - [Reserved]

Subpart LLLLLL - "National Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources"

The provisions of 40 CFR Part 63 Subpart LLLLLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LLLLLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart MMMMMM - "National Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources"

The provisions of 40 CFR Part 63 Subpart MMMMMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMMMMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart NNNNNN - "National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources: Chromium Compounds"

The provisions of 40 CFR Part 63 Subpart NNNNNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNNNNN

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart OOOOOO - "National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources"

The provisions of 40 CFR Part 63 Subpart OOOOOO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart OOOOOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart PPPPPP - "National Emission Standards for Hazardous Air Pollutants for Lead Acid Battery Manufacturing Area Sources"

The provisions of 40 CFR Part 63 Subpart PPPPPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPPPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart QQQQQQ - "National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources"

The provisions of 40 CFR Part 63 Subpart QQQQQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQQQQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart RRRRRR - "National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources"

The provisions of 40 CFR Part 63 Subpart RRRRRR, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRRRRR

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 72	December 26, 2007	[72 FR 73180]

Subpart SSSSSS - "National Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources"

The provisions of 40 CFR Part 63 Subpart SSSSSS, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SSSSSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 26, 2007	[72 FR 73180]

Subpart TTTTTT - "National Emission Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals Processing Area Sources"

The provisions of 40 CFR Part 63 Subpart TTTTTT, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TTTTTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 26, 2007	[72 FR 73180]

Subpart UUUUUU - [Reserved]

Subpart VVVVVV - "National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources"

The provisions of 40 CFR Part 63 Subpart VVVVVV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart VVVVVV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	October 29, 2009	[74 FR 56008]
Revision	Vol. 75	December 14, 2010	[75 FR 77760]
Revision	Vol. 76	March 14, 2011	[76 FR 13514]
Revision	Vol. 77	December 21, 2012	[77 FR 75740]

Subpart WWWWWW - "National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations"

The provisions of 40 CFR Part 63 Subpart WWWWWW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WWWWWW

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 73	July 1, 2008	[73 FR 37728]
Revision	Vol. 76	June 20, 2011	[76 FR 35744]
Revision	Vol. 76	September 19, 2011	[76 FR 57913]

Subpart XXXXXX - "National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories"

The provisions of 40 CFR Part 63 Subpart XXXXXX, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart XXXXXX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	July 23, 2008	[73 FR 42978]

Subpart YYYYYY - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Ferroalloys Production Facilities"

The provisions of 40 CFR Part 63 Subpart YYYYYY, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YYYYYY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	December 23, 2008	[73 FR 78637]

Subpart ZZZZZZ - "National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries"

The provisions of 40 CFR Part 63 Subpart ZZZZZZ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart ZZZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	June 25, 2009	[74 FR 30366]
Revision	Vol. 74	September 10, 2009	[74 FR 46493]

Subpart AAAAAAA - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing"

The provisions of 40 CFR Part 63 Subpart AAAAAAA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart AAAAAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 63 Subpart AAAAAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	December 2, 2009	[74 FR 63236]
Revision	Vol. 75	March 18, 2010	[75 FR 12988]

Subpart BBBBBBB - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Chemical Preparations Industry"

The provisions of 40 CFR Part 63 Subpart BBBBBBB, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart BBBBBBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	December 30, 2009	[74 FR 69194]

Subpart CCCCCCC - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing"

The provisions of 40 CFR Part 63 Subpart CCCCCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCCCCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	December 3, 2009	[74 FR 63504]
Revision	Vol. 75	March 5, 2010	[75 FR 10184]
Revision	Vol. 75	June 3, 2010	[75 FR 31317]

Subpart DDDDDDD - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Prepared Feeds Manufacturing"

The provisions of 40 CFR Part 63 Subpart DDDDDDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DDDDDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 75	January 5, 2010	[75 FR 522]
Revision	Vol. 75	July 20, 2010	[75 FR 41991]
Revision	Vol. 76	December 23, 2011	[76 FR 80261]

Subpart EEEEEEE - "National Emission Standards for Hazardous Air Pollutants: Gold Mine Ore Processing and Production Area Source Category"

The provisions of 40 CFR Part 63 Subpart EEEEEEE, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 76	February 17, 2011	[76 FR 9450]

Subpart FFFFFFF - [Reserved]

Subpart GGGGGGG - [Reserved]

Subpart HHHHHHH - "National Emission Standards for Hazardous Air Pollutant Emissions for Polyvinyl Chloride and Copolymers Production"

The provisions of 40 CFR Part 63 Subpart HHHHHHH, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHHHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	April 17, 2012	[77 FR 22848]

R. 61-62.63 History - *South Carolina State Register*:

Vol. 22, Issue 6, (Doc. No. 2311), June 26, 1998;
Vol. 24, Issue 5, (Doc. No. 2506), May 26, 2000;
Vol. 25, Issue No. 10, (Doc. No. 2648), October 26, 2001;
Vol. 26, Issue No. 8, (Doc. No. 2736), August 23, 2002;
Vol. 27, Issue No. 6, (Doc. No. 2840), June 27, 2003;
Vol. 28, Issue No. 9, (Doc. No. 2913), September 24, 2004;
Vol. 29, Issue No. 8, (Doc. No. 2980), August 26, 2005;
Vol. 30, Issue No. 9, (Doc. No. 3066), September 22, 2006;
Vol. 31, Issue No. 12, (Doc. No. 3153), December 28, 2007;
Vol. 32, Issue No. 10, (Doc. No. 3224), October 24, 2008;
Vol. 33, Issue No. 10, (Doc. No. 4082), October 23, 2009;
Vol. 34, Issue No. 5, (Doc. No. 4070), May 28, 2010;
Vol. 34, Issue No. 11, (Doc. No. 4131), November 26, 2010;
Vol. 36, Issue No. 4, (Doc. No. 4280), April 27, 2012;
Vol. 37, Issue No. 4, (Errata), April 26, 2013;
Vol. 37, Issue No. 5, (Errata), May 24, 2013;
Vol. 37, Issue No. 12, (Doc. No. 4387), December 27, 2013;
Vol. 38, Issue No. 6, (Doc. No. 4388), June 27, 2014;
Vol. 38, Issue No. 8, (Errata), August 22, 2014;
Vol. 38, Issue No. 9, (Doc. No. 4465), September 26, 2014.

Appendix 2

Clean Version Text of Final Regulation

SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
AIR POLLUTION CONTROL REGULATIONS AND STANDARDS

REGULATION 61-62.5
AIR POLLUTION CONTROL STANDARDS

STANDARD NO. 2
AMBIENT AIR QUALITY STANDARDS

The following table, unless otherwise noted, constitutes the primary and secondary ambient air quality standards for the State of South Carolina. The computations for determining if the applicable standard is met, along with the analytical methods to be used, will be those applicable Federal Reference Methods and Interpretations published in the Appendices to 40 Code of Federal Regulations (CFR) 50, or those methods designated as Federal Equivalent Methods (FEM) in accordance with 40 CFR 53. In the case of Gaseous Fluorides, either the double paper tape sampler method (ASTM D-3266-91 or later), the sodium bicarbonate-coated glass tube and particulate filter method (ASTM D-3268-91 or later), or an approved method may be used.

Pollutant	**Reference**	**Measuring Interval**	**Standard Level**			
			mg/m^3	**$\mu g/m^3$**	**ppm**	**ppb**
Sulfur Dioxide	40 CFR 50.4 40 CFR 50.5	3 hour (secondary)	-	1300	0.5	-
	40 CFR 50.17	1-hour (primary)	-	-	-	75
PM_{10}	40 CFR 50.6	24 hour	-	150	-	-
$PM_{2.5}$	40 CFR 50.13	24 hour (primary)	-	35	-	-
	40 CFR 50.18	Annual (primary)	-	12	-	-
		24 hour (secondary)	-	35		
		Annual (secondary)	-	15		
Carbon Monoxide	40 CFR 50.8	1 hour (no secondary)	40	-	35	-
		8 hour (no secondary)	10	-	9	-
Ozone	40 CFR 50.10	8 hour (1997)	-	-	0.08	-
	40 CFR 50.15	8 hour (2008)	-	-	0.075	-
Gaseous Fluorides	State Regulation	12 hour	-	3.7	-	-

Pollutant	Reference	Measuring Interval	Standard Level			
			mg/m^3	**$\mu g/m^3$**	**ppm**	**ppb**
(as HF)	(1978)	24 hour	-	2.9	-	-
		1 week	-	1.6	-	-
		1 month	-	0.8	-	-
Nitrogen Dioxide	40 CFR 50.11	Annual	-	100	0.053	53
		1-hour				100
Lead	40 CFR 50.16	Rolling 3-month Average	-	0.15	-	-

R. 61-62.5, Standard No. 2 History - *South Carolina State Register*:

Vol. 9, Issue No. 5, (Doc. No. 457), May 24, 1985;
Vol. 12, Issue No. 4, (Doc. No. 970), April 22, 1988;
Vol. 13, Issue No. 2, (Doc. No. 868), February 24, 1989;
Vol. 28, Issue No. 9, (Doc. No. 2912), September 24, 2004;
Vol. 32, Issue No. 10, (Doc. No. 3224), October 24, 2008;
Vol. 33, Issue No. 10, (Doc. No. 4082), October 23, 2009;
Vol. 36, Issue No. 4, (Doc. No. 4280), April 27, 2012;
Vol. 36, Issue No. 9, (Errata), September 28, 2012;
Vol. 38, Issue No. 9, (Doc. No. 4465), September 26, 2014.

SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

AIR POLLUTION CONTROL REGULATIONS AND STANDARDS

REGULATION 61-62.60
SOUTH CAROLINA DESIGNATED FACILITY PLAN AND NEW SOURCE PERFORMANCE STANDARDS

Note: Facilities subject to the regulations listed below may be subject to additional requirements specified elsewhere in Regulation 61-62, Air Pollution Control Regulations and Standards.

Subpart A - "General Provisions"

The provisions of 40 Code of Federal Regulations (CFR) Part 60 Subpart A, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 38	October 15, 1973	[38 FR 28565]
Revision	Vol. 39	March 8, 1974	[39 FR 9314]
Revision	Vol. 39	November 12, 1974	[39 FR 39873]
Revision	Vol. 40	April 25, 1975	[40 FR 18169]
Revision	Vol. 40	October 6, 1975	[40 FR 46254]
Revision	Vol. 40	November 17, 1975	[40 FR 53346]
Revision	Vol. 40	December 16, 1975	[40 FR 58418]
Revision	Vol. 40	December 22, 1975	[40 FR 59205]
Revision	Vol. 41	August 20, 1976	[41 FR 35185]
Revision	Vol. 42	July 19, 1977	[42 FR 37000]
Revision	Vol. 42	July 27, 1977	[42 FR 38178]
Revision	Vol. 42	November 1, 1977	[42 FR 57126]
Revision	Vol. 43	March 3, 1978	[43 FR 8800]
Revision	Vol. 43	August 3, 1978	[43 FR 34347]
Revision	Vol. 44	June 11, 1979	[44 FR 33612]
Revision	Vol. 44	September 25, 1979	[44 FR 55173]
Revision	Vol. 45	January 23, 1980	[45 FR 5617]
Revision	Vol. 45	April 4, 1980	[45 FR 23379]
Revision	Vol. 45	December 24, 1980	[45 FR 85415]
Revision	Vol. 47	January 8, 1982	[47 FR 951]
Revision	Vol. 47	July 23, 1982	[47 FR 31876]
Revision	Vol. 48	March 30, 1983	[48 FR 13326]
Revision	Vol. 48	May 25, 1983	[48 FR 23610]
Revision	Vol. 48	July 20, 1983	[48 FR 32986]

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 48	October 18, 1983	[48 FR 48335]
Revision	Vol. 50	December 27, 1985	[50 FR 53113]
Revision	Vol. 51	January 15, 1986	[51 FR 1790]
Revision	Vol. 51	January 21, 1986	[51 FR 2701]
Revision	Vol. 51	November 25, 1986	[51 FR 42796]
Revision	Vol. 52	March 26, 1987	[52 FR 9781, 9782]
Revision	Vol. 52	April 8, 1987	[52 FR 11428]
Revision	Vol. 52	May 11, 1987	[52 FR 17555]
Revision	Vol. 52	June 4, 1987	[52 FR 21007]
Revision	Vol. 54	February 14, 1989	[54 FR 6662]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	December 13, 1990	[55 FR 51382]
Revision	Vol. 57	July 21, 1992	[57 FR 32338, 32339]
Revision	Vol. 59	March 16, 1994	[59 FR 12427, 12428]
Revision	Vol. 59	September 15, 1994	[59 FR 47265]
Revision	Vol. 61	March 12, 1996	[61 FR 9919]
Revision	Vol. 62	February 24, 1997	[62 FR 8328]
Revision	Vol. 62	September 15, 1997	[62 FR 48348]
Revision	Vol. 63	May 4, 1998	[63 FR 24444]
Revision	Vol. 64	February 12, 1999	[64 FR 7463]
Revision	Vol. 65	August 10, 2000	[65 FR 48914]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 6, 2000	[65 FR 76350, 76378]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	February 6, 2001	[66 FR 9034]
Revision	Vol. 67	June 28, 2002	[67 FR 43550]
Revision	Vol. 68	April 14, 2003	[68 FR 17990]
Revision	Vol. 68	May 28, 2003	[68 FR 31611]
Revision	Vol. 69	July 8, 2004	[69 FR 41346]
Revision	Vol. 70	December 16, 2005	[70 FR 74870]
Revision	Vol. 71	June 1, 2006	[71 FR 31100]
Revision	Vol. 71	July 6, 2006	[71 FR 38482]
Revision	Vol. 72	May 16, 2007	[72 FR 27437]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	April 3, 2008	[73 FR 18162]
Revision	Vol. 73	May 6, 2008	[73 FR 24870]
Revision	Vol. 73	May 27, 2008	[73 FR 30308]
Revision	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 74	October 8, 2009	[74 FR 51950]

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 74	December 17, 2009	[74 FR 66921]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 75	September 13, 2010	[75 FR 55636]
Revision	Vol. 76	January 18, 2011	[76 FR 2832]
Revision	Vol. 76	March 21, 2011	[76 FR 15372]
Revision	Vol. 76	March 21, 2011	[76 FR 15704]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	August 14, 2012	[77 FR 48433]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Subpart B - "Adoption and Submittal of State Plans for Designated Facilities"

The provisions of 40 CFR Part 60 Subpart B, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart B			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	November 17, 1975	[40 FR 53346]
Revision	Vol. 44	November 9, 1979	[44 FR 65071]
Revision	Vol. 54	December 20, 1989	[54 FR 52189]
Revision	Vol. 60	December 19, 1995	[60 FR 65387]
Revision	Vol. 65	December 6, 2000	[65 FR 76378]
Revision	Vol. 70	October 13, 2005	[70 FR 59848]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]

Subpart C - "Emission Guidelines and Compliance Times"

The provisions of 40 CFR Part 60 Subpart C, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart C			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 42	October 18, 1977	[42 FR 55797]
Revision	Vol. 60	December 19, 1995	[60 FR 65387]
Revision	Vol. 61	March 12, 1996	[61 FR 9905]
Revision	Vol. 62	September 15, 1997	[62 FR 48348]

Subpart Ca - [Reserved]

Subpart Cb - "Emission Guidelines and Compliance Times for Large Municipal Waste Combustors That Are Constructed on or Before September 20, 1994"

The provisions of 40 CFR Part 60 Subpart Cb, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Cb			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 19, 1995	[60 FR 65415]
Revision	Vol. 62	August 25, 1997	[62 FR 45119, 45120]
Revision	Vol. 62	August 25, 1997	[62 FR 45125]
Revision	Vol. 69	July 14, 2004	[69 FR 42117]
Revision	Vol. 71	May 10, 2006	[71 FR 27324]

Subpart Cc - "Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills"

The provisions of 40 CFR Part 60 Subpart Cc, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Cc			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	March 12, 1996	[61 FR 9905]
Revision	Vol. 63	June 16, 1998	[63 FR 32743]
Revision	Vol. 64	February 24, 1999	[64 FR 9258]

Subpart Cd - "Emission Guidelines and Compliance Times for Sulfuric Acid Production Units"

The provisions of 40 CFR Part 60 Subpart Cd, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Cd			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 19, 1995	[60 FR 65414]

Subpart Ce - "Emission Guidelines and Compliance Times for Hospital/Medical/Infectious Waste Incinerators"

The provisions of 40 CFR Part 60 Subpart Ce, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ce			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	September 15, 1997	[62 FR 48379]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 76	April 4, 2011	[76 FR 18407]

Subpart D - "Standards of Performance for Fossil-Fuel-Fired Steam Generators"

The provisions of 40 CFR Part 60 Subpart D, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart D			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	June 14, 1974	[39 FR 20791]
Revision	Vol. 40	January 16, 1975	[40 FR 2803]
Revision	Vol. 40	October 6, 1975	[40 FR 46256]
Revision	Vol. 41	November 22, 1976	[41 FR 51398]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 42	December 5, 1977	[42 FR 61537]
Revision	Vol. 43	March 7, 1978	[43 FR 9278]
Revision	Vol. 44	June 17, 1979	[44 FR 33612]
Revision	Vol. 44	December 28, 1979	[44 FR 76787]
Revision	Vol. 45	May 29, 1980	[45 FR 36077]
Revision	Vol. 45	July 14, 1980	[45 FR 47146]
Revision	Vol. 46	November 24, 1981	[46 FR 57498]
Revision	Vol. 48	January 27, 1983	[48 FR 3736]
Revision	Vol. 51	November 25, 1986	[51 FR 42797]
Revision	Vol. 52	August 4, 1987	[52 FR 28954]
Revision	Vol. 54	February 14, 1989	[54 FR 6662]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 61	September 24, 1996	[61 FR 49976]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]

Subpart Da - "Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978"

The provisions of 40 CFR Part 60 Subpart Da, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Da			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 44	June 11, 1979	[44 FR 33613]
Revision	Vol. 48	January 27, 1983	[48 FR 3737]
Revision	Vol. 54	February 14, 1989	[54 FR 6663]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]

40 CFR Part 60 Subpart Da			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 55	May 7, 1990	[55 FR 18876]
Revision	Vol. 63	September 16, 1998	[63 FR 49453, 49454]
Revision	Vol. 64	February 12, 1999	[64 FR 7464]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 66	April 10, 2001	[66 FR 18546]
Revision	Vol. 66	June 11, 2001	[66 FR 31177]
Revision	Vol. 66	August 14, 2001	[66 FR 42608]
Revision	Vol. 71	February 27, 2006	[71 FR 9866]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 19, 2012	[77 FR 23399]
Revision	Vol. 78	April 24, 2013	[78 FR 24073]

Subpart Db - "Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units"

The provisions of 40 CFR Part 60 Subpart Db, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Db			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 52	December 16, 1987	[52 FR 47842]
Revision	Vol. 54	December 18, 1989	[54 FR 51819, 51820]
Revision	Vol. 54	December 18, 1989	[54 FR 51825]
Revision	Vol. 55	May 7, 1990	[55 FR 18876]
Revision	Vol. 60	May 30, 1995	[60 FR 28062]
Revision	Vol. 61	March 29, 1996	[61 FR 14031]
Revision	Vol. 62	October 8, 1997	[62 FR 52641]
Revision	Vol. 63	September 16, 1998	[63 FR 49455]
Revision	Vol. 64	February 12, 1999	[64 FR 7464]
Revision	Vol. 65	March 13, 2000	[65 FR 13242]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 66	April 10, 2001	[66 FR 18546]
Revision	Vol. 66	June 11, 2001	[66 FR 31177]
Revision	Vol. 66	August 14, 2001	[66 FR 42608]
Revision	Vol. 66	October 1, 2001	[66 FR 49830]
Revision	Vol. 71	February 27, 2006	[71 FR 9866]
Revision	Vol. 71	November 16, 2006	[71 FR 66681]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]

40 CFR Part 60 Subpart Db			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]

Subpart Dc - "Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units"

The provisions of 40 CFR Part 60 Subpart Dc, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Dc			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 55	September 12, 1990	[55 FR 37683]
Revision	Vol. 61	May 8, 1996	[61 FR 20736]
Revision	Vol. 64	February 12, 1999	[64 FR 7465]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	February 27, 2006	[71 FR 9866]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]

Subpart E - "Standards of Performance for Incinerators"

The provisions of 40 CFR Part 60 Subpart E, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart E			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	June 14, 1974	[39 FR 20792]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 54	February 14, 1989	[54 FR 6665]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 56	February 11, 1991	[56 FR 5507]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	May 10, 2006	[71 FR 27324]

Subpart Ea - "Standards of Performance for Municipal Waste Combustors for Which Construction Is Commenced After December 20, 1989, and on or Before September 20, 1994"

The provisions of 40 CFR Part 60 Subpart Ea, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ea			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 56	February 11, 1991	[56 FR 5507]
Revision	Vol. 60	December 19, 1995	[60 FR 65384]
Revision	Vol. 64	February 12, 1999	[64 FR 7465]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Eb - "Standards of Performance for Large Municipal Waste Combustors for Which Construction Is Commenced After September 20, 1994, or for Which Modification or Reconstruction Is Commenced After June 19, 1996"

The provisions of 40 CFR Part 60 Subpart Eb, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Eb			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 19, 1995	[60 FR 65419]
Revision	Vol. 62	August 25, 1997	[62 FR 45120, 45121]
Revision	Vol. 62	August 25, 1997	[62 FR 45125, 45126]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 66	July 12, 2001	[66 FR 36473]
Revision	Vol. 66	November 16, 2001	[66 FR 57824]
Revision	Vol. 71	May 10, 2006	[71 FR 27324]

Subpart Ec - "Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for Which Construction Is Commenced After June 20, 1996"

The provisions of 40 CFR Part 60 Subpart Ec, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ec			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	September 15, 1997	[62 FR 48382]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	October 30, 2003	[68 FR 61759]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 76	April 4, 2011	[76 FR 18407]
Revision	Vol. 78	May 13, 2013	[78 FR 28052]

Subpart F - "Standards of Performance for Portland Cement Plants"

The provisions of 40 CFR Part 60 Subpart F, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	June 14, 1974	[39 FR 20793]
Revision	Vol. 39	November 12, 1974	[39 FR 39874]
Revision	Vol. 40	October 6, 1975	[40 FR 46258]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 53	December 14, 1988	[53 FR 50363]
Revision	Vol. 54	February 14, 1989	[54 FR 6666]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 78	February 12, 2013	[78 FR 10006]

Subpart G - "Standards of Performance for Nitric Acid Plants"

The provisions of 40 CFR Part 60 Subpart G, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart G			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	June 14, 1974	[39 FR 20794]
Revision	Vol. 40	October 6, 1975	[40 FR 46258]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 50	April 22, 1985	[50 FR 15894]
Revision	Vol. 54	February 14, 1989	[54 FR 6666]
Revision	Vol. 77	August 14, 2012	[77 FR 48433]

Subpart Ga - "Standards of Performance for Nitric Acid Plants for Which Construction, Reconstruction, or Modification Commenced After October 14, 2011"

The provisions of 40 CFR Part 60 Subpart Ga, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ga			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	August 14, 2012	[77 FR 48433]

Subpart H - "Standards of Performance for Sulfuric Acid Plants"

The provisions of 40 CFR Part 60 Subpart H, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart H			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	June 14, 1974	[39 FR 20794]
Revision	Vol. 40	October 6, 1975	[40 FR 46258]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 48	September 29, 1983	[48 FR 44700]
Revision	Vol. 48	October 20, 1983	[48 FR 48669]
Revision	Vol. 54	February 14, 1989	[54 FR 6666]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart I - "Standards of Performance for Hot Mix Asphalt Facilities"

The provisions of 40 CFR Part 60 Subpart I, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart I			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9314]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 51	April 10, 1986	[51 FR 12325]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]

Subpart J - "Standards of Performance for Petroleum Refineries"

The provisions of 40 CFR Part 60 Subpart J, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart J			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9315]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	June 24, 1977	[42 FR 32427]
Revision	Vol. 42	August 4, 1977	[42 FR 39389]
Revision	Vol. 43	March 15, 1978	[43 FR 10868]
Revision	Vol. 44	March 12, 1979	[44 FR 13481]
Revision	Vol. 44	October 25, 1979	[44 FR 61543]
Revision	Vol. 45	December 1, 1980	[45 FR 79453]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 50	August 5, 1985	[50 FR 31701]
Revision	Vol. 51	November 26, 1986	[51 FR 42842]
Revision	Vol. 52	June 1, 1987	[52 FR 20392]

40 CFR Part 60 Subpart J			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 53	October 21, 1988	[53 FR 41333]
Revision	Vol. 54	August 17, 1989	[54 FR 34026]
Revision	Vol. 55	October 2, 1990	[55 FR 40175]
Revision	Vol. 56	February 4, 1991	[56 FR 4176]
Revision	Vol. 64	February 12, 1999	[64 FR 7465]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	September 21, 2006	[71 FR 55119]
Revision	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 76	February 25, 2011	[76 FR 10524]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]

Subpart Ja - "Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007"

The provisions of 40 CFR Part 60 Subpart Ja, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ja			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 73	July 28, 2008	[73 FR 43626]
Revision	Vol. 73	September 26, 2008	[73 FR 55751]
Revision	Vol. 73	December 22, 2008	[73 FR 78546]
Revision	Vol. 73	December 22, 2008	[73 FR 78549]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]
Revision	Vol. 78	December 19, 2013	[78 FR 76753]

Subpart K - "Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978"

The provisions of 40 CFR Part 60 Subpart K, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart K			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9317]
Revision	Vol. 39	April 17, 1974	[39 FR 13776]
Revision	Vol. 39	June 14, 1974	[39 FR 20794]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 45	April 4, 1980	[45 FR 23379]
Revision	Vol. 48	January 27, 1983	[48 FR 3737]
Revision	Vol. 52	April 8, 1987	[52 FR 11429]

40 CFR Part 60 Subpart K			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Ka - "Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978, and Prior to July 23, 1984"

The provisions of 40 CFR Part 60 Subpart Ka, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ka			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 45	April 4, 1980	[45 FR 23379]
Revision	Vol. 45	December 18, 1980	[45 FR 83229]
Revision	Vol. 48	January 27, 1983	[48 FR 3737]
Revision	Vol. 52	April 8, 1987	[52 FR 11429]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]

Subpart Kb - "Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984"

The provisions of 40 CFR Part 60 Subpart Kb, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Kb			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 52	April 8, 1987	[52 FR 11429]
Revision	Vol. 52	June 16, 1987	[52 FR 22780]
Revision	Vol. 54	August 11, 1989	[54 FR 32973]
Revision	Vol. 62	October 8, 1997	[62 FR 52641]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 68	October 15, 2003	[68 FR 59328]

Subpart L - "Standards of Performance for Secondary Lead Smelters"

The provisions of 40 CFR Part 60 Subpart L, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart L			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9317]

40 CFR Part 60 Subpart L			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 39	April 17, 1974	[39 FR 13776]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart M - "Standards of Performance for Secondary Brass and Bronze Production Plants"

The provisions of 40 CFR Part 60 Subpart M, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart M			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9318]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 49	October 30, 1984	[49 FR 43618]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart N - "Standards of Performance for Primary Emissions from Basic Oxygen Process Furnaces for Which Construction Is Commenced After June 11, 1973"

The provisions of 40 CFR Part 60 Subpart N, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart N			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 39	March 8, 1974	[39 FR 9318]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 43	April 13, 1978	[43 FR 15602]
Revision	Vol. 51	January 2, 1986	[51 FR 160]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Na - "Standards of Performance for Secondary Emissions from Basic Oxygen Process Steelmaking Facilities for Which Construction Is Commenced After January 20, 1983"

The provisions of 40 CFR Part 60 Subpart Na, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Na			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 51	January 2, 1986	[51 FR 161]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart O - "Standards of Performance for Sewage Treatment Plants"

The provisions of 40 CFR Part 60 Subpart O, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart O			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	March 8, 1974	[39 FR 9319]
Revision	Vol. 40	October 6, 1975	[40 FR 46259]
Revision	Vol. 42	November 10, 1977	[42 FR 58521]
Revision	Vol. 53	October 6, 1988	[53 FR 39416]
Revision	Vol. 54	February 14, 1989	[54 FR 6668]
Revision	Vol. 54	June 27, 1989	[54 FR 27015]
Revision	Vol. 58	April 7, 1993	[58 FR 18014]
Revision	Vol. 59	February 3, 1994	[59 FR 5108]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart P - "Standards of Performance for Primary Copper Smelters"

The provisions of 40 CFR Part 60 Subpart P, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart P			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	January 15, 1976	[41 FR 2338]
Revision	Vol. 41	February 26, 1976	[41 FR 8346]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 42	November 1, 1977	[42 FR 57126]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 54	February 14, 1989	[54 FR 6667]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Q - "Standards of Performance for Primary Zinc Smelters"

The provisions of 40 CFR Part 60 Subpart Q, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Q			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	January 15, 1976	[41 FR 2340]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 54	February 14, 1989	[54 FR 6669]

Subpart R - "Standards of Performance for Primary Lead Smelters"

The provisions of 40 CFR Part 60 Subpart R, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart R			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	January 15, 1976	[41 FR 2340]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	May 25, 1983	[48 FR 23611]
Revision	Vol. 54	February 14, 1989	[54 FR 6669]

Subpart S - "Standards of Performance for Primary Aluminum Reduction Plants"

The provisions of 40 CFR Part 60 Subpart S, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 45	June 30, 1980	[45 FR 44207]
Revision	Vol. 54	February 14, 1989	[54 FR 6669]
Revision	Vol. 62	October 7, 1997	[62 FR 52399]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart T - "Standards of Performance for the Phosphate Fertilizer Industry: Wet-Process Phosphoric Acid Plants"

The provisions of 40 CFR Part 60 Subpart T, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart T			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33154]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	February 17, 1983	[48 FR 7129]
Revision	Vol. 54	February 14, 1989	[54 FR 6669]

40 CFR Part 60 Subpart T			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart U - "Standards of Performance for the Phosphate Fertilizer Industry: Superphosphoric Acid Plants"

The provisions of 40 CFR Part 60 Subpart U, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart U			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33155]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	February 17, 1983	[48 FR 7129]
Revision	Vol. 54	February 14, 1989	[54 FR 6670]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart V - "Standards of Performance for the Phosphate Fertilizer Industry: Diammonium Phosphate Plants"

The provisions of 40 CFR Part 60 Subpart V, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart V			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33155]
Revision	Vol. 42	July 25, 1977	[42 FR 37937]
Revision	Vol. 48	February 17, 1983	[48 FR 7129]
Revision	Vol. 54	February 14, 1989	[54 FR 6670]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart W - "Standards of Performance for the Phosphate Fertilizer Industry: Triple Superphosphate Plants"

The provisions of 40 CFR Part 60 Subpart W, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart W			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33156]
Revision	Vol. 42	July 25, 1977	[42 FR 37938]
Revision	Vol. 48	February 17, 1983	[48 FR 7129]
Revision	Vol. 54	February 14, 1989	[54 FR 6670]

40 CFR Part 60 Subpart W			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart X - "Standards of Performance for the Phosphate Fertilizer Industry: Granular Triple Superphosphate Storage Facilities"

The provisions of 40 CFR Part 60 Subpart X, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	August 6, 1975	[40 FR 33156]
Revision	Vol. 42	July 25, 1977	[42 FR 37938]
Revision	Vol. 54	February 14, 1989	[54 FR 6670]
Revision	Vol. 62	April 15, 1997	[62 FR 18280]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart Y - "Standards of Performance for Coal Preparation and Processing Plants"

The provisions of 40 CFR Part 60 Subpart Y, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Y			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	January 15, 1976	[41 FR 2234]
Revision	Vol. 42	July 25, 1977	[42 FR 37938]
Revision	Vol. 42	September 7, 1977	[42 FR 44812]
Revision	Vol. 48	January 27, 1983	[42 FR 3738]
Revision	Vol. 54	February 14, 1989	[54 FR 6671]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 74	October 8, 2009	[74 FR 51950]

Subpart Z - "Standards of Performance for Ferroalloy Production Facilities"

The provisions of 40 CFR Part 60 Subpart Z, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Z			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 41	May 4, 1976	[41 FR 18501]
Revision	Vol. 41	May 20, 1976	[41 FR 20659]
Revision	Vol. 42	July 25, 1977	[42 FR 37938]

40 CFR Part 60 Subpart Z			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 48	January 27, 1983	[42 FR 3738]
Revision	Vol. 54	February 14, 1989	[54 FR 6671]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart AA - "Standards of Performance for Steel Plants: Electric Arc Furnaces Constructed After October 21, 1974, and on or Before August 17, 1983"

The provisions of 40 CFR Part 60 Subpart AA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart AA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 40	September 23, 1975	[40 FR 43852]
Revision	Vol. 49	October 31, 1984	[49 FR 43843]
Revision	Vol. 54	February 14, 1989	[54 FR 6672]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	March 2, 1999	[64 FR 10109, 10110]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 70	February 22, 2005	[70 FR 8523]

Subpart AAa - "Standards of Performance for Steel Plants: Electric Arc Furnaces and Argon-Oxygen Decarburization Vessels Constructed After August 17, 1983"

The provisions of 40 CFR Part 60 Subpart AAa, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart AAa			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	October 31, 1984	[49 FR 43845]
Revision	Vol. 54	February 14, 1989	[54 FR 6672]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	March 2, 1999	[64 FR 10110, 10111]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 70	February 22, 2005	[70 FR 8523]

Subpart BB - "Standards of Performance for Kraft Pulp Mills"

The provisions of 40 CFR Part 60 Subpart BB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart BB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 43	February 23, 1978	[43 FR 7572]
Revision	Vol. 50	February 14, 1985	[50 FR 6317]
Revision	Vol. 51	May 20, 1986	[51 FR 18544]
Revision	Vol. 54	February 14, 1989	[54 FR 6673]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	September 21, 2006	[71 FR 55119]

Subpart CC - "Standards of Performance for Glass Manufacturing Plants"

The provisions of 40 CFR Part 60 Subpart CC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 45	October 7, 1980	[45 FR 66751]
Revision	Vol. 49	October 19, 1984	[49 FR 41035]
Revision	Vol. 54	February 14, 1989	[54 FR 6674]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	February 12, 1999	[64 FR 7466]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart DD - "Standards of Performance for Grain Elevators"

The provisions of 40 CFR Part 60 Subpart DD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart DD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 43	August 3, 1978	[43 FR 34347]
Revision	Vol. 52	November 5, 1988	[54 FR 42434]
Revision	Vol. 54	February 14, 1989	[54 FR 6674]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart EE - "Standards of Performance for Surface Coating of Metal Furniture"

The provisions of 40 CFR Part 60 Subpart EE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart EE			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 60 Subpart EE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	October 29, 1982	[47 FR 49287]
Revision	Vol. 50	April 30, 1985	[50 FR 18248]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart FF - [Reserved]

Subpart GG - "Standards of Performance for Stationary Gas Turbines"

The provisions of 40 CFR Part 60 Subpart GG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart GG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 44	September 10, 1979	[44 FR 52798]
Revision	Vol. 47	January 27, 1982	[47 FR 3770]
Revision	Vol. 52	November 5, 1987	[52 FR 42434]
Revision	Vol. 54	February 14, 1989	[54 FR 6674]
Revision	Vol. 54	June 27, 1989	[54 FR 27016]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	April 14, 2003	[68 FR 17990]
Revision	Vol. 69	July 8, 2004	[69 FR 41346]
Revision	Vol. 71	February 24, 2006	[71 FR 9453]

Subpart HH - "Standards of Performance for Lime Manufacturing Plants"

The provisions of 40 CFR Part 60 Subpart HH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart HH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	April 26, 1984	[49 FR 18080]
Revision	Vol. 52	February 17, 1987	[52 FR 4773]
Revision	Vol. 54	February 14, 1989	[54 FR 6675]
Revision	Vol. 58	April 7, 1993	[58 FR 18014]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart II - [Reserved]

Subpart JJ - [Reserved]

Subpart KK - "Standards of Performance for Lead-Acid Battery Manufacturing Plants"

The provisions of 40 CFR Part 60 Subpart KK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart KK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	April 16, 1982	[47 FR 16573]
Revision	Vol. 54	February 14, 1989	[54 FR 6675]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart LL - "Standards of Performance for Metallic Mineral Processing Plants"

The provisions of 40 CFR Part 60 Subpart LL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart LL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	February 21, 1984	[49 FR 6464]
Revision	Vol. 54	February 14, 1989	[54 FR 6676]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart MM - "Standards of Performance for Automobile and Light Duty Truck Surface Coating Operations"

The provisions of 40 CFR Part 60 Subpart MM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart MM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 45	December 24, 1980	[45 FR 85415]
Revision	Vol. 48	February 4, 1983	[48 FR 5454]
Revision	Vol. 50	September 9, 1985	[50 FR 36834]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 59	October 11, 1994	[59 FR 51386]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart NN - "Standards of Performance for Phosphate Rock Plants"

The provisions of 40 CFR Part 60 Subpart NN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart NN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	April 16, 1982	[47 FR 16589]
Revision	Vol. 54	February 14, 1989	[54 FR 6676]

40 CFR Part 60 Subpart NN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	February 12, 1999	[64 FR 7466]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart OO - [Reserved]

Subpart PP - "Standards of Performance for Ammonium Sulfate Manufacture"

The provisions of 40 CFR Part 60 Subpart PP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart PP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 45	November 12, 1980	[45 FR 74850]
Revision	Vol. 54	February 14, 1989	[54 FR 6676]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart QQ - "Standards of Performance for the Graphic Arts Industry: Publication Rotogravure Printing"

The provisions of 40 CFR Part 60 Subpart QQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart QQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	November 8, 1982	[45 FR 50649]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart RR - "Standards of Performance for Pressure Sensitive Tape and Label Surface Coating Operations"

The provisions of 40 CFR Part 60 Subpart RR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart RR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 48	October 18, 1983	[48 FR 48375]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart SS - "Standards of Performance for Industrial Surface Coating: Large Appliances"

The provisions of 40 CFR Part 60 Subpart SS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart SS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	October 27, 1982	[47 FR 47785]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart TT - "Standards of Performance for Metal Coil Surface Coating"

The provisions of 40 CFR Part 60 Subpart TT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart TT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	November 1, 1982	[47 FR 49612]
Revision	Vol. 48	January 10, 1983	[48 FR 1056]
Revision	Vol. 51	June 24, 1986	[51 FR 22938]
Revision	Vol. 55	December 13, 1990	[55 FR 51383]
Revision	Vol. 56	May 3, 1991	[56 FR 20497]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart UU - "Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture"

The provisions of 40 CFR Part 60 Subpart UU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart UU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	August 6, 1982	[47 FR 34143]
Revision	Vol. 54	February 14, 1989	[54 FR 6674]
Revision	Vol. 54	June 27, 1989	[54 FR 27016]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart VV - "Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After January 5, 1981, and on or Before November 7, 2006"

The provisions of 40 CFR Part 60 Subpart VV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart VV

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 48	October 18, 1983	[48 FR 48335]
Revision	Vol. 49	May 30, 1984	[49 FR 22607]
Revision	Vol. 49	June 29, 1984	[49 FR 26738]
Revision	Vol. 51	January 21, 1986	[51 FR 2702]
Revision	Vol. 54	February 14, 1989	[54 FR 6678]
Revision	Vol. 54	June 27, 1989	[54 FR 27016]
Revision	Vol. 60	August 18, 1995	[60 FR 43258]
Revision	Vol. 61	June 12, 1996	[61 FR 29878]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 73	June 2, 2008	[73 FR 31372]
Revision	Vol. 73	June 2, 2008	[73 FR 31376]

Subpart VVa - "Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006"

The provisions of 40 CFR Part 60 Subpart VVa, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart VVa			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 73	June 2, 2008	[73 FR 31372]
Revision	Vol. 73	June 2, 2008	[73 FR 31376]

Subpart WW - "Standards of Performance for the Beverage Can Surface Coating Industry"

The provisions of 40 CFR Part 60 Subpart WW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart WW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 47	November 1, 1982	[47 FR 49612]
Revision	Vol. 55	December 13, 1990	[55 FR 51384]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart XX - "Standards of Performance for Bulk Gasoline Terminals"

The provisions of 40 CFR Part 60 Subpart XX, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart XX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 48	August 18, 1983	[48 FR 37590]
Revision	Vol. 48	December 22, 1983	[48 FR 56580]
Revision	Vol. 54	February 14, 1989	[54 FR 6678]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 64	February 12, 1999	[64 FR 7466]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]

Subpart AAA - "Standards of Performance for New Residential Wood Heaters"

The provisions of 40 CFR Part 60 Subpart AAA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart AAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 53	February 26, 1988	[53 FR 5873]
Revision	Vol. 53	April 12, 1988	[53 FR 12009]
Revision	Vol. 53	April 26, 1988	[53 FR 14889]
Revision	Vol. 57	February 13, 1992	[57 FR 5328]
Revision	Vol. 60	June 29, 1995	[60 FR 33925]
Revision	Vol. 63	November 24, 1998	[63 FR 64874]
Revision	Vol. 64	February 12, 1999	[64 FR 7466]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart BBB - "Standards of Performance for the Rubber Tire Manufacturing Industry"

The provisions of 40 CFR Part 60 Subpart BBB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart BBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 52	September 15, 1987	[52 FR 34874]
Revision	Vol. 52	October 9, 1987	[52 FR 37874]
Revision	Vol. 54	September 19, 1989	[54 FR 38635]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart CCC - [Reserved]

Subpart DDD - "Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry"

The provisions of 40 CFR Part 60 Subpart DDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart DDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 55	December 11, 1990	[55 FR 51035]
Revision	Vol. 56	March 5, 1991	[56 FR 9178]
Revision	Vol. 56	March 22, 1991	[56 FR 12299]
Revision	Vol. 58	April 7, 1993	[58 FR 18014]
Revision	Vol. 64	March 9, 1999	[64 FR 11541]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]

Subpart EEE - [Reserved]

Subpart FFF - "Standards of Performance for Flexible Vinyl and Urethane Coating and Printing"

The provisions of 40 CFR Part 60 Subpart FFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart FFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	June 29, 1984	[49 FR 26892]
Revision	Vol. 49	August 17, 1984	[49 FR 32848]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart GGG - "Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After January 4, 1983, and on or Before November 7, 2006"

The provisions of 40 CFR Part 60 Subpart GGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart GGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	May 30, 1984	[49 FR 22606]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 73	June 2, 2008	[73 FR 31372]
Revision	Vol. 73	June 2, 2008	[73 FR 31376]

Subpart GGGa - "Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After November 7, 2006"

The provisions of 40 CFR Part 60 Subpart GGGa, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart GGGa			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 73	June 2, 2008	[73 FR 31372]
Revision	Vol. 73	June 2, 2008	[73 FR 31376]

Subpart HHH - "Standards of Performance for Synthetic Fiber Production Facilities"

The provisions of 40 CFR Part 60 Subpart HHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart HHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	April 5, 1984	[49 FR 13651]
Revision	Vol. 49	April 27, 1984	[49 FR 18096]
Revision	Vol. 55	December 13, 1990	[55 FR 51384]
Revision	Vol. 59	June 23, 1994	[59 FR 32341]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart III - "Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Synthetic Organic Chemical Manufacturing Industry (SOCMI) Air Oxidation Unit Processes"

The provisions of 40 CFR Part 60 Subpart III, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart III			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 55	June 29, 1990	[55 FR 26922]
Revision	Vol. 55	September 7, 1990	[55 FR 36932]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]

Subpart JJJ - "Standards of Performance for Petroleum Dry Cleaners"

The provisions of 40 CFR Part 60 Subpart JJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart JJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 60 Subpart JJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 49	September 21, 1984	[49 FR 37331]
Revision	Vol. 50	November 27, 1985	[50 FR 49026]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart KKK - "Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants"

The provisions of 40 CFR Part 60 Subpart KKK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart KKK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 50	June 24, 1985	[50 FR 26124]
Revision	Vol. 51	January 21, 1986	[51 FR 2702]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 77	August 16, 2012	[77 FR 49490]

Subpart LLL - "Standards of Performance for Onshore Natural Gas Processing; SO_2 Emissions"

The provisions of 40 CFR Part 60 Subpart LLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart LLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 50	October 1, 1985	[50 FR 40160]
Revision	Vol. 54	February 14, 1989	[54 FR 6679]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 77	August 16, 2012	[77 FR 49490]

Subpart MMM - [Reserved]

Subpart NNN - "Standards of Performance for Volatile Organic Compound (VOC) Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Distillation Operations"

The provisions of 40 CFR Part 60 Subpart NNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart NNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 55	June 29, 1990	[55 FR 26942]
Revision	Vol. 55	September 7, 1990	[55 FR 36932]

40 CFR Part 60 Subpart NNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 60	November 27, 1995	[60 FR 58237, 58238]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 74	June 24, 2009	[74 FR 29948]

Subpart OOO - "Standards of Performance for Nonmetallic Mineral Processing Plants"

The provisions of 40 CFR Part 60 Subpart OOO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart OOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 51	August 1, 1985	[51 FR 31337]
Revision	Vol. 54	February 14, 1989	[54 FR 6680]
Revision	Vol. 62	June 9, 1997	[62 FR 31360]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 74	April 28, 2009	[74 FR 19294]

Subpart PPP - "Standards of Performance for Wool Fiberglass Insulation Manufacturing Plants"

The provisions of 40 CFR Part 60 Subpart PPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 50	February 25, 1985	[50 FR 7699]
Revision	Vol. 54	February 14, 1989	[54 FR 6680]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart QQQ - "Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems"

The provisions of 40 CFR Part 60 Subpart QQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart QQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 53	November 23, 1988	[53 FR 47623]
Revision	Vol. 60	August 18, 1995	[60 FR 43259]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart RRR - "Standards of Performance for Volatile Organic Compound Emissions from Synthetic Organic Chemical Manufacturing Industry (SOCMI) Reactor Processes"

The provisions of 40 CFR Part 60 Subpart RRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart RRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 58	August 31, 1993	[58 FR 45948]
Revision	Vol. 60	November 27, 1995	[60 FR 58238]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]

Subpart SSS - "Standards of Performance for Magnetic Tape Coating Facilities"

The provisions of 40 CFR Part 60 Subpart SSS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart SSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 53	October 3, 1988	[53 FR 38914]
Revision	Vol. 53	October 28, 1988	[53 FR 43799]
Revision	Vol. 53	November 29, 1988	[53 FR 47955]
Revision	Vol. 53	December 9, 1988	[53 FR 49822]
Revision	Vol. 64	February 12, 1999	[64 FR 7467]

Subpart TTT - "Standards of Performance for Industrial Surface Coating: Surface Coating of Plastic Parts for Business Machines"

The provisions of 40 CFR Part 60 Subpart TTT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart TTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 53	January 29, 1988	[53 FR 2676]
Revision	Vol. 53	May 27, 1988	[53 FR 19300]
Revision	Vol. 54	June 15, 1989	[54 FR 25459]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart UUU - "Standards of Performance for Calciners and Dryers in Mineral Industries"

The provisions of 40 CFR Part 60 Subpart UUU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart UUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 57	September 28, 1992	[57 FR 44503]
Revision	Vol. 58	July 29, 1993	[58 FR 40591]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]

Subpart VVV - "Standards of Performance for Polymeric Coating of Supporting Substrates Facilities"

The provisions of 40 CFR Part 60 Subpart VVV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart VVV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 54	September 11, 1989	[54 FR 37551]
Revision	Vol. 61	March 12, 1996	[61 FR 9905]

Subpart WWW - "Standards of Performance for Municipal Solid Waste Landfills"

The provisions of 40 CFR Part 60 Subpart WWW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart WWW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	March 12, 1996	[61 FR 9905]
Revision	Vol. 63	June 16, 1998	[63 FR 32743]
Revision	Vol. 64	February 24, 1999	[64 FR 9262]
Revision	Vol. 65	April 10, 2000	[65 FR 18906]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 71	September 21, 2006	[71 FR 55119]

Subpart XXX - [Reserved]

Subpart YYY - [Reserved]

Subpart ZZZ - [Reserved]

Subpart AAAA - "Standards of Performance for Small Municipal Waste Combustion Units for Which Construction Is Commenced After August 30, 1999, or for Which Modification or Reconstruction Is Commenced After June 6, 2001"

The provisions of 40 CFR Part 60 Subpart AAAA, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart AAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 60 Subpart AAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 6, 2000	[65 FR 76350]

Subpart BBBB - "Emission Guidelines and Compliance Times for Small Municipal Waste Combustion Units Constructed on or Before August 30, 1999"

The provisions of 40 CFR Part 60 Subpart BBBB, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart BBBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 6, 2000	[65 FR 76378]

Subpart CCCC - "Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Is Commenced After November 30, 1999, or for Which Modification or Reconstruction Is Commenced on or After June 1, 2001"

The provisions of 40 CFR Part 60 Subpart CCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart CCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 1, 2000	[65 FR 75338]
Revision	Vol. 66	March 27, 2001	[66 FR 16605]
Revision	Vol. 70	September 22, 2005	[70 FR 55568]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	February 7, 2013	[78 FR 9112]

Subpart DDDD - "Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction on or Before November 30, 1999"

The provisions of 40 CFR Part 60 Subpart DDDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart DDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 1, 2000	[65 FR 75338]
Revision	Vol. 70	September 22, 2005	[70 FR 55568]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	February 7, 2013	[78 FR 9112]

Subpart EEEE - "Standards of Performance for Other Solid Waste Incineration Units for Which Construction Is Commenced After December 9, 2004, or for Which Modification or Reconstruction Is Commenced on or After June 16, 2006"

The provisions of 40 CFR Part 60 Subpart EEEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart EEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 70	December 16, 2005	[70 FR 74870]
Revision	Vol. 71	November 24, 2006	[71 FR 67802]

Subpart FFFF - "Emission Guidelines and Compliance Times for Other Solid Waste Incineration Units That Commenced Construction on or Before December 9, 2004"

The provisions of 40 CFR Part 60 Subpart FFFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart FFFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 70	December 16, 2005	[70 FR 74870]
Revision	Vol. 71	November 24, 2006	[71 FR 67802]

Subpart GGGG - [Reserved]

Subpart HHHH - [Reserved]

Subpart IIII - "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines"

The provisions of 40 CFR Part 60 Subpart IIII, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart IIII			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 71	July 11, 2006	[71 FR 39154]
Revision	Vol. 76	June 28, 2011	[76 FR 37954]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Subpart JJJJ - "Standards of Performance for Stationary Spark Ignition Internal Combustion Engines"

The provisions of 40 CFR Part 60 Subpart JJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart JJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 18, 2008	[73 FR 3568]

40 CFR Part 60 Subpart JJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 73	October 8, 2008	[73 FR 59034]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Subpart KKKK – "Standards of Performance for Stationary Combustion Turbines"

The provisions of 40 CFR Part 60 Subpart KKKK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart KKKK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 71	July 6, 2006	[71 FR 38482]
Revision	Vol. 74	March 20, 2009	[74 FR 11858]

Subpart LLLL – "Standards of Performance for New Sewage Sludge Incineration Units"

The provisions of 40 CFR Part 60 Subpart LLLL, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart LLLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 76	March 21, 2011	[76 FR 15372]

Subpart MMMM – "Emission Guidelines and Compliance Times for Existing Sewage Sludge Incineration Units"

The provisions of 40 CFR Part 60 Subpart MMMM, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart MMMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 76	March 21, 2011	[76 FR 15372]

Subpart NNNN – [Reserved]

Subpart OOOO – "Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution"

The provisions of 40 CFR Part 60, Subpart OOOO, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart OOOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	August 16, 2012	[77 FR 49490]
Revision	Vol. 78	September 23, 2013	[78 FR 58416]

R. 61-62.60 History - *South Carolina State Register:*

Vol. 23, Issue 2, (Doc. No. 2373), February 26, 1999;
Vol. 24, Issue 10, (Doc. No. 2535), October 27, 2000;
Vol. 25, Issue No. 10, (Doc. No. 2648), October 26, 2001;
Vol. 26, Issue No. 8, (Doc. No. 2736), August 23, 2002;
Vol. 27, Issue No. 6, (Doc. No. 2840), June 27, 2003;
Vol. 28, Issue No. 9, (Doc. No. 2913), September 24, 2004;
Vol. 29, Issue No. 8, (Doc. No. 2980), August 26, 2005;
Vol. 30, Issue No. 9, (Doc. No. 3066), September 22, 2006;
Vol. 31, Issue No. 6, (Doc. No. 3083), June 22, 2007;
Vol. 31, Issue No. 12, (Doc. No. 3153), December 28, 2007;
Vol. 32, Issue No. 10, (Doc. No. 3224), October 24, 2008;
Vol. 33, Issue No. 10, (Doc. No. 4082), October 23, 2009;
Vol. 34, Issue No. 5, (Doc. No. 4070), May 28, 2010;
Vol. 34, Issue No. 11, (Doc. No. 4131), November 26, 2010;
Vol. 34, Issue No. 4, (Doc. No. 4280), April 27, 2012;
Vol. 37, Issue No. 4, (Errata), April 26, 2013;
Vol. 37, Issue No. 5, (Errata), May 24, 2013;
Vol. 37, Issue No. 12, (Doc. No. 4387), December 27, 2013;
Vol. 38, Issue No. 9, (Doc. No. 4465), September 26, 2014.

SOUTH CAROLINA
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

AIR POLLUTION CONTROL REGULATIONS AND STANDARDS

REGULATION 61-62.63
NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) FOR SOURCE CATEGORIES

Note: Section 112 of the Clean Air Act as amended in 1990 requires the United States Environmental Protection Agency (EPA) to issue emission standards for all major sources of the listed hazardous air pollutants (HAPs). These rules are generally known as "maximum achievable control technology" (MACT) standards. On June 26, 1995 [60 FR 32913], the EPA granted full approval to the State of South Carolina under Section 112(l)(5) and 40 CFR 63.91 of the State's program for receiving delegation of Section 112 standards that are unchanged from federal rules as promulgated. These rules are incorporated by reference by the Department and the tables are periodically revised as MACT standards are amended or promulgated. The word "Administrator" as used in these MACT standards shall mean the Department of Health and Environmental Control with the exception of the sections within these subparts that may not be delegated by the EPA.

Subpart A - "General Provisions"

The provisions of 40 Code of Federal Regulations (CFR) Part 63 Subpart A, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	March 16, 1994	[59 FR 12430]
Revision	Vol. 59	April 22, 1994	[59 FR 19453]
Revision	Vol. 59	December 6, 1994	[59 FR 62589]
Revision	Vol. 60	January 25, 1995	[60 FR 4963]
Revision	Vol. 60	June 27, 1995	[60 FR 33122]
Revision	Vol. 60	September 1, 1995	[60 FR 45980]
Revision	Vol. 61	May 21, 1996	[61 FR 25399]
Revision	Vol. 61	December 17, 1996	[61 FR 66227]
Revision	Vol. 62	December 10, 1997	[62 FR 65024]
Revision	Vol. 63	May 4, 1998	[63 FR 24444]
Revision	Vol. 63	May 13, 1998	[63 FR 26465]
Revision	Vol. 63	September 21, 1998	[63 FR 50326]
Revision	Vol. 63	October 7, 1998	[63 FR 53996]
Revision	Vol. 63	December 1, 1998	[63 FR 66061]
Revision	Vol. 64	January 28, 1999	[64 FR 4300]
Revision	Vol. 64	February 12, 1999	[64 FR 7468]
Revision	Vol. 64	April 12, 1999	[64 FR 17562]
Revision	Vol. 64	June 10, 1999	[64 FR 31375]

40 CFR Part 63 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 67	February 14, 2002	[67 FR 6968]
Revision	Vol. 67	February 27, 2002	[67 FR 9156]
Revision	Vol. 67	April 5, 2002	[67 FR 16582]
Revision	Vol. 67	June 10, 2002	[67 FR 39794]
Revision	Vol. 67	July 23, 2002	[67 FR 48254]
Revision	Vol. 68	February 18, 2003	[68 FR 7706]
Revision	Vol. 68	April 21, 2003	[68 FR 19375]
Revision	Vol. 68	May 6, 2003	[68 FR 23898]
Revision	Vol. 68	May 8, 2003	[68 FR 24653]
Revision	Vol. 68	May 20, 2003	[68 FR 27646]
Revision	Vol. 68	May 23, 2003	[68 FR 28606]
Revision	Vol. 68	May 27, 2003	[68 FR 28774]
Revision	Vol. 68	May 28, 2003	[68 FR 31746]
Revision	Vol. 68	May 29, 2003	[68 FR 32172]
Revision	Vol. 68	May 30, 2003	[68 FR 32586]
Revision	Vol. 68	November 13, 2003	[68 FR 64432]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]
Revision	Vol. 69	January 2, 2004	[69 FR 130]
Revision	Vol. 69	February 3, 2004	[69 FR 5038]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 69	April 19, 2004	[69 FR 20968]
Revision	Vol. 69	April 22, 2004	[69 FR 21737]
Revision	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 69	June 15, 2004	[69 FR 33474]
Revision	Vol. 69	July 30, 2004	[69 FR 45944]
Revision	Vol. 69	September 13, 2004	[69 FR 55218]
Revision	Vol. 70	April 15, 2005	[70 FR 19992]
Revision	Vol. 70	May 20, 2005	[70 FR 29400]
Revision	Vol. 70	October 12, 2005	[70 FR 59402]
Revision	Vol. 71	February 16, 2006	[71 FR 8342]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 28, 2006	[71 FR 42898]
Revision	Vol. 71	December 6, 2006	[71 FR 70651]
Revision	Vol. 72	January 3, 2007	[72 FR 26]
Revision	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 72	October 29, 2007	[72 FR 61060]
Revision	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 72	December 26, 2007	[72 FR 73180]
Revision	Vol. 72	December 28, 2007	[72 FR 74088]
Revision	Vol. 73	January 2, 2008	[73 FR 226]
Revision	Vol. 73	January 9, 2008	[73 FR 1738]

40 CFR Part 63 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 73	January 10, 2008	[73 FR 1916]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	February 7, 2008	[73 FR 7210]
Revision	Vol. 73	March 7, 2008	[73 FR 12275]
Revision	Vol. 73	July 23, 2008	[73 FR 42978]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 74	June 25, 2009	[74 FR 30366]
Revision	Vol. 74	October 28, 2009	[74 FR 55670]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 75	September 13, 2010	[75 FR 55636]
Revision	Vol. 76	February 17, 2011	[76 FR 9450]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 17, 2012	[77 FR 22848]
Revision	Vol. 77	September 11, 2012	[77 FR 55698]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]
Revision	Vol. 78	January 31, 2013	[78 FR 7138]
Revision	Vol. 78	February 1, 2013	[78 FR 7488]
Revision	Vol. 78	June 20, 2013	[78 FR 37133]

Subpart B - "Requirements for Control Technology Determinations for Major Sources in Accordance With Clean Air Act Sections, Sections 112(g) and 112(j)"

Section 63.40 - Applicability.

(a) Applicability. The requirements of Sections 63.40 through 63.44 of this subpart apply to any owner or operator who constructs or reconstructs a major source of HAPs after the effective date of this subpart unless the major source in question has been specifically regulated or exempted from regulation under a standard issued pursuant to Section 112(d), Section 112(h), or Section 112(j) of the Act and incorporated in another subpart of Part 63, or the owner or operator of such major source has received all necessary air quality permits for such construction or reconstruction project before the effective date of Section 112(g)(2)(B) in the State.

(b) Exclusion for electric utility steam generating units. The requirements of this subpart do not apply to electric utility steam generating units unless and until such time as these units are added to the source category list pursuant to Section 112(c)(5) of the Act.

(c) Relationship to local requirements. Nothing in this subpart shall prevent a local agency from imposing more stringent requirements than those contained in this subpart.

(d) Exclusion for stationary sources in deleted source categories. The requirements of this subpart do not apply to stationary sources that are within a source category that has been deleted from the source category list pursuant to Section 112(c)(9) of the Act.

(e) Exclusion for research and development activities. The requirements of this subpart do not apply to research and development activities, as defined in Regulation 61-62.63, Section 63.41.

(f) Synthetic Minor Provisions. Any "affected source," as defined by Regulation 61-62.63, Section 63.41, may request to use federally enforceable permit conditions to limit the source's potential to emit and become a synthetic minor source.

(1) An affected source desiring to be a synthetic minor source shall provide a written request to the Department for a federally enforceable construction permit conditioned to constrain the operation of the source, along with a completed construction permit application package. The construction or reconstruction of the source shall not commence until the source has received an effective permit to construct.

(2) The enforceable permit conditions provisions of Regulation 61-62.1, Section II.E.3, shall apply to synthetic minor source permits.

(3) The public participation procedures of Regulation 61-62.1, Section II.N, shall apply to synthetic minor source permits.

(4) The emergency provisions of Regulation 61-62.1, Section II.L, shall apply to synthetic minor source permits.

(5) The permit application provisions of Regulation 61-62.1, Section II.E.5, shall apply to synthetic minor source permits.

Section 63.41 - Definitions.

Terms used in this subpart that are not defined below or in Regulation 61-62.1, Section I, have the meaning given to them in the Clean Air Act and in 40 CFR 63, Subpart A.

(a) "Act" means the Clean Air Act, as amended, 42 U.S.C. 7401, et seq.

(b) "Affected source" means the stationary source or group of stationary sources which, when fabricated (on site), erected, or installed meets the definition of "construct a major source" or the definition of "reconstruct a major source" contained in this subpart.

(c) "Affected States" are:

(1) The States of Georgia and/or North Carolina if, as determined by the Department, their air quality may be affected by a Maximum Achievable Control Technology (MACT) determination made in accordance with this subpart; or

(2) Any portions of the State of Tennessee whose air quality may be affected and that are within fifty (50) miles of the major source for which a MACT determination is made in accordance with this subpart.

(d) "Available information" means, for purposes of identifying control technology options for the affected source, information contained in the following information sources as of the date of approval of the MACT determination by the Department:

(1) A relevant proposed regulation, including all supporting information;

(2) Background information documents for a draft or proposed regulation;

(3) Data and information available from the Control Technology Center developed pursuant to Section 113 of the Act;

(4) Data and information contained in the Aerometric Informational Retrieval System, including information in the MACT database;

(5) Any additional information that can be expeditiously provided by the Administrator; and

(6) For the purpose of determinations by the Department, any additional information provided by the applicant or others, and any additional information considered available by the Department.

(e) "Construct a major source" means:

(1) To fabricate, erect, or install at any greenfield site a stationary source or group of stationary sources which is located within a contiguous area and under common control and which emits or has the potential to emit ten (10) tons per year (tpy) of any HAP or twenty-five (25) tpy of any combination of HAPs, or

(2) To fabricate, erect, or install at any developed site a new process or production unit which in and of itself emits or has the potential to emit ten (10) tpy of any HAP or twenty-five (25) tpy of any combination of HAPs, unless the process or production unit satisfies criteria (e)(2)(i) through (e)(2)(vi) of this paragraph:

(i) All HAPs emitted by the process or production unit that would otherwise be controlled under the requirements of this subpart will be controlled by emission control equipment which was previously installed at the same site as the process or production unit;

(ii)(A) The Department has determined within a period of five (5) years prior to the fabrication, erection, or installation of the process or production unit that the existing emission control equipment represented best available control technology (BACT) or lowest achievable emission rate (LAER) under 40 CFR 51 or 52; or

(B) The Department determines that the control of HAP emissions provided by the existing equipment will be equivalent to that level of control currently achieved by other well-controlled similar sources (that is, equivalent to the level of control that would be provided by a current BACT or LAER);

(iii) The Department determines that the percent control efficiency for emissions of HAPs from all sources to be controlled by the existing control equipment will be equivalent to the percent control efficiency provided by the control equipment prior to the inclusion of the new process or production unit;

(iv) The Department has provided notice and an opportunity for public comment concerning its determination that criteria in paragraphs (e)(2)(i), (e)(2)(ii), and (e)(2)(iii) of this definition apply and concerning the continued adequacy of any prior LAER or BACT;

(v) If any commenter has asserted that a prior LAER or BACT is no longer adequate, the Department has determined that the level of control required by that prior determination remains adequate; and

(vi) Any emission limitations, work practice requirements, or other terms and conditions upon which the above determinations by the Department are predicated will be construed by the Department as applicable requirements under Section 504(a) of the Act and either have been incorporated into any existing Part 70 permit for the affected facility or will be incorporated into such permit upon issuance.

(f) "Control technology" means measures, processes, methods, systems, or techniques to limit the emission of HAPs including, but not limited to, measures that:

(1) Reduce the quantity of or eliminate emissions of such pollutants through process changes, substitution of materials, or other modifications;

(2) Enclose systems or processes to eliminate emissions;

(3) Collect, capture, or treat such pollutants when released from a process, stack, storage, or fugitive emissions point;

(4) Are design, equipment, work practice, or operational standards (including requirements for operator training or certification) as provided in 42 U.S.C. 7412(h); or

(5) Are a combination of paragraphs (f)(1)-(f)(4) of this definition.

(g) "Effective date" in South Carolina of Section 112(g)(2)(B) of the Act is July 1, 1998.
(h) "Electric utility steam generating unit" means any fossil fuel fired combustion unit of more than twenty-five (25) megawatts (MW) that serves a generator that produces electricity for sale. A unit that co-generates steam and electricity and supplies more than one-third of its potential electric output capacity and more than twenty-five (25) MW electric output to any utility power distribution system for sale shall be considered an electric utility steam generating unit.

(i) "Greenfield site" means a contiguous area under common control that is an undeveloped site.

(j) "Hazardous Air Pollutant (HAP)" means any air pollutant defined in or pursuant to Section 112(b) of the Act.

(k) "List of Source Categories" means the Source Category List required by Section 112(c) of the Act.

(l) "Maximum achievable control technology (MACT) emission limitation for new sources" means the emission limitation which is not less stringent than the emission limitation achieved in practice by the best controlled similar source, and which reflects the maximum degree of reduction in emissions that the Department, taking into consideration the cost of achieving such emission reduction, and any non-air quality health and environmental impacts and energy requirements, determines is achievable by the constructed or reconstructed major source.

(m) "Notice of MACT Approval" means a document issued by the Department containing all federally enforceable conditions necessary to enforce the application and operation of MACT or other control technologies such that the MACT emission limitation is met.

(n) "Organic HAP" means the compounds listed in Table 1 to Subpart XX of this part.

(o) “Presumptive MACT determination” means an estimation of MACT, based on limited data gathered within a short time frame, that serves as a basis for a decision on how to develop an emission standard for a particular source category. Factors such as control technology costs, non-air quality health and environmental impacts, energy requirements, and benefits are not typically considered in the estimation.

(p) “Process or production unit” means any collection of structures and/or equipment, that processes, assembles, applies, or otherwise uses material inputs to produce or store an intermediate or final product. A single facility may contain more than one process or production unit.

(q) “Reconstruct a major source” means the replacement of components at an existing process or production unit that in and of itself emits or has the potential to emit ten (10) tpy of any HAP or twenty-five (25) tpy of any combination of HAPs, whenever:

(1) The fixed capital cost of the new components exceeds fifty (50) percent of the fixed capital cost that would be required to construct a comparable process or production unit; and

(2) It is technically and economically feasible for the reconstructed major source to meet the applicable MACT emission limitation for new sources established under this subpart.

(r) “Research and development activities” means activities conducted at a research or laboratory facility whose primary purpose is to conduct research and development into new processes and products, where such source is operated under the close supervision of technically trained personnel and is not engaged in the manufacture of products for sale or exchange for commercial profit, except in a de minimis manner.

(s) “Similar source” means a stationary source or process that has comparable emissions and is structurally similar in design and capacity to a constructed or reconstructed major source such that the source could be controlled using the same control technology.

Section 63.42 - Program Requirements Governing Construction or Reconstruction of Major Sources.

Prohibition:

After the effective date of Section 112(g)(2)(B) in the State, no person may begin actual construction or reconstruction of a major source of HAPs in the State unless:

(a) The major source in question has been specifically regulated or exempted from regulation under a standard issued pursuant to Section 112(d), Section 112(h), or Section 112(j) in 40 CFR 63, and the owner or operator has fully complied with all procedures and requirements for preconstruction review established by that standard, including any applicable requirements set forth in 40 CFR 63, Subpart A; or

(b) The Department has made a final and effective case-by-case determination pursuant to the provisions of Regulation 61-62.63, Section 63.43, such that emissions from the constructed or reconstructed major source will be controlled to a level no less stringent than the MACT emission limitation for new sources.

Section 63.43 - Maximum Achievable Control Technology (MACT) Determinations for Constructed and Reconstructed Major Sources.

(a) Applicability:

The requirements of this section apply to an owner or operator who constructs or reconstructs a major source of HAPs subject to a case-by-case determination of MACT pursuant to Regulation 61-62.63, Section 63.42.

(b) Requirements for constructed and reconstructed major sources. When a case-by-case determination of MACT is required by Regulation 61-62.63, Section 63.42, the owner or operator shall obtain from the Department an approved MACT determination according to paragraph (c) of this section.

(c) Review Process:

(1) The owner or operator shall apply for and obtain a Notice of MACT Approval according to the procedures outlined in paragraphs (f) through (h) of this section.

(2) The MACT emission limitation and requirements established shall be effective as required by paragraph (j) of this section, consistent with the principles established in paragraph (d) of this section, and supported by the information listed in paragraph (e) of this section. The owner or operator shall comply with the requirements in paragraphs (k) and (l) of this section, and with all applicable requirements in 40 CFR 63, Subpart A.

(d) Principles of MACT determinations. The following general principles shall govern preparation by the owner or operator of each permit application or other application requiring a case-by-case MACT determination concerning construction or reconstruction of a major source, and all subsequent review of and actions taken concerning such an application by the Department:

(1) The MACT emission limitation or MACT requirements recommended by the applicant and approved by the Department shall not be less stringent than the emission control which is achieved in practice by the best controlled similar source, as determined by the Department.

(2) Based upon available information, as defined in this subpart, the MACT emission limitation and control technology (including any requirements under paragraph (d)(3) of this section) recommended by the applicant and approved by the Department shall achieve the maximum degree of reduction in emissions of HAPs which can be achieved by utilizing those control technologies that can be identified from the available information, taking into consideration the costs of achieving such emission reduction and any non-air quality health and environmental impacts and energy requirements associated with the emission reduction.

(3) The applicant may recommend a specific design, equipment, work practice, or operational standard, or a combination thereof, and the Department may approve such a standard if the Department specifically determines that it is not feasible to prescribe or enforce an emission limitation under the criteria set forth in Section 112(h)(2) of the Act.

(4) If the Administrator has either proposed a relevant emission standard pursuant to Section 112(d) or Section 112(h) of the Act or adopted a presumptive MACT determination for the source category which includes the constructed or reconstructed major source, then the MACT requirements applied to the constructed or reconstructed major source shall have considered those

MACT emission limitations and requirements of the proposed standard or presumptive MACT determination.

(e) Application requirements for a case-by-case MACT determination.

(1) An application for a MACT determination (whether a permit application under Title V of the Act, an application for a Notice of MACT Approval, or other document specified by the Department under paragraph (c) of this section) shall specify a control technology selected by the owner or operator that, if properly operated and maintained, will meet the MACT emission limitation or standard as determined according to the principles set forth in paragraph (d) of this section.

(2) In each instance where a constructed or reconstructed major source would require additional control technology or a change in control technology, the application for a MACT determination shall contain the following information:

(i) The name and address (physical location) of the major source to be constructed or reconstructed;

(ii) A brief description of the major source to be constructed or reconstructed and identification of any listed source category or categories in which it is included;

(iii) The expected commencement date for the construction or reconstruction of the major source;

(iv) The expected completion date for construction or reconstruction of the major source;

(v) The anticipated date of start-up for the constructed or reconstructed major source;

(vi) The HAP emitted by the constructed or reconstructed major source, and the estimated emission rate for each such HAP, to the extent this information is needed by the Department to determine MACT;

(vii) Any federally enforceable emission limitations applicable to the constructed or reconstructed major source;

(viii) The maximum and expected utilization of capacity of the constructed or reconstructed major source, and the associated uncontrolled emission rates for that source, to the extent this information is needed by the Department to determine MACT;

(ix) The controlled emissions for the constructed or reconstructed major source in tpy at expected and maximum utilization of capacity, to the extent this information is needed by the Department to determine MACT;

(x) A recommended emission limitation for the constructed or reconstructed major source consistent with the principles set forth in paragraph (d) of this section;

(xi) The selected control technology to meet the recommended MACT emission limitation, including technical information on the design, operation, size, estimated control efficiency of the control technology (and the manufacturer's name, address, telephone number, and relevant specifications and drawings, if requested by the Department);

(xii) Supporting documentation including identification of alternative control technologies considered by the applicant to meet the emission limitation, and analysis of cost and non-air quality health environmental impacts or energy requirements for the selected control technology; and

(xiii) Any other relevant information required pursuant to 40 CFR 63, Subpart A.

(3) In each instance where the owner or operator contends that a constructed or reconstructed major source will be in compliance, upon startup, with case-by-case MACT under this subpart without a change in control technology, the application for a MACT determination shall contain the following information:

(i) The information described in paragraphs (e)(2)(i) through (e)(2)(x) of this section; and

(ii) Documentation of the control technology in place.

(f) Administrative procedures for review of the Notice of MACT Approval.

(1) The Department will notify the owner or operator in writing, within forty-five (45) days from the date the application is first received, as to whether the application for a MACT determination is complete or whether additional information is required.

(2) The Department will initially approve the recommended MACT emission limitation and other terms set forth in the application, or the Department will notify the owner or operator in writing of its intent to disapprove the application, within thirty (30) calendar days after the owner or operator is notified in writing that the application is complete.

(3) The owner or operator may present, in writing, within sixty (60) calendar days after receipt of notice of the Department's intent to disapprove the application, additional information or arguments pertaining to, or amendments to, the application for consideration by the Department before it decides whether to finally disapprove the application.

(4) The Department will either initially approve or issue a final disapproval of the application within ninety (90) days after it notifies the owner or operator of an intent to disapprove or within thirty (30) days after the date additional information is received from the owner or operator, whichever is earlier.

(5) A final determination by the Department to disapprove any application will be in writing and will specify the grounds on which the disapproval is based. If any application is finally disapproved, the owner or operator may submit a subsequent application concerning construction or reconstruction of the same major source, provided that the subsequent application has been amended in response to the stated grounds for the prior disapproval.

(6) An initial decision to approve an application for a MACT determination will be set forth in the Notice of MACT Approval as described in paragraph (g) of this section.

(g) Notice of MACT Approval.

(1) The Notice of MACT Approval will contain a MACT emission limitation (or a MACT work practice standard if the Department determines it is not feasible to prescribe or enforce an

emission standard) to control the emissions of HAPs. The MACT emission limitation or standard will be determined by the Department and will conform to the principles set forth in paragraph (d) of this section.

(2) The Notice of MACT Approval will specify any notification, operation and maintenance, performance testing, monitoring, reporting, and record keeping requirements. The Notice of MACT Approval will include:

(i) In addition to the MACT emission limitation or MACT work practice standard established under this subpart, additional emission limits, production limits, operational limits, or other terms and conditions necessary to ensure federal enforceability of the MACT emission limitation;

(ii) Compliance certifications, testing, monitoring, reporting, and record keeping requirements that are consistent with the requirements of Regulation 61-62.70.6(c);

(iii) In accordance with Section 114(a)(3) of the Act, requirements for monitoring capable of demonstrating continuous compliance during the applicable reporting period. Such monitoring data shall be of sufficient quality to be used as a basis for enforcing all applicable requirements established under this subpart, including emission limitations;

(iv) A statement requiring the owner or operator to comply with all applicable requirements contained in 40 CFR 63, Subpart A;

(3) All provisions contained in the Notice of MACT Approval shall be federally enforceable upon the effective date of issuance of such notice, as provided by paragraph (j) of this section.

(4) The Notice of MACT Approval shall expire if construction or reconstruction has not commenced within eighteen (18) months of issuance, unless the Department has granted an extension which shall not exceed an additional twelve (12) months.

(h) Opportunity for public comment on the Notice of MACT Approval.

(1) The Department will provide opportunity for public comment on the Notice of MACT Approval, including, at a minimum:

(i) Availability for public inspection in at least one location in the area affected of the information submitted by the owner or operator and of the Department's initial decision to approve the application;

(ii) A 30-day period for submittal of public comment; and

(iii) A notice by prominent advertisement in the area affected of the location of the source information and initial decision specified in paragraph (h)(1)(i) of this section.

(2) At the discretion of the Department, the Notice of MACT Approval setting forth the initial decision to approve the application may become final automatically at the end of the comment period if no adverse comments are received. If adverse comments are received, the Department will make any necessary revisions in its analysis and decide whether to finally approve the application within thirty (30) days after the end of the comment period.

(i) EPA notification. The Department will send a copy of the final Notice of MACT Approval to the Administrator through the appropriate Regional Office, and to all other state and local air pollution control agencies having jurisdiction in affected states.

(j) Effective date of MACT determination shall be the date the Notice of MACT Approval becomes final.

(k) Compliance date. On and after the date of start-up, a constructed or reconstructed major source which is subject to the requirements of this subpart shall be in compliance with all applicable requirements specified in the MACT determination.

(l) Compliance with MACT determinations.

(1) An owner or operator of a constructed or reconstructed major source that is subject to a MACT determination shall comply with all requirements in the final Notice of MACT Approval, including but not limited to, any MACT emission limitation or MACT work practice standard and any notification, operation and maintenance, performance testing, monitoring, reporting, and recordkeeping requirements.

(2) An owner or operator of a constructed or reconstructed major source which has obtained a MACT determination shall be deemed to be in compliance with Section 112(g)(2)(B) of the Act only to the extent that the constructed or reconstructed major source is in compliance with all requirements set forth in the final Notice of MACT Approval. Any violation of such requirements by the owner or operator shall be deemed by the Department and by EPA to be a violation of the prohibition on construction or reconstruction in Section 112(g)(2)(B) for whatever period the owner or operator is determined to be in violation of such requirements, and shall subject the owner or operator to appropriate enforcement action under the Act.

(m) Reporting to the Administrator. Within sixty (60) days of the issuance of a final Notice of MACT Approval, the Department will provide a copy of such notice to the Administrator, and will provide a summary in a compatible electronic format for inclusion in the MACT database.

Section 63.44 - Requirements for Constructed or Reconstructed Major Sources Subject to a Subsequently Promulgated MACT Standard or MACT Requirement.

(a) If the Administrator promulgates an emission standard under Section 112(d) or Section 112(h) of the Act or the Department issues a determination under Section 112(j) of the Act that is applicable to a stationary source or group of sources which would be deemed to be a constructed or reconstructed major source under this subpart before the date that the owner or operator has obtained a final and legally effective MACT determination under any of the review options available pursuant to Regulation 61-62.63, Section 63.43, the owner or operator of the source(s) shall comply with the promulgated standard or determination rather than any MACT determination under Section 112(g) by the Department, and the owner or operator shall comply with the promulgated standard by the compliance date in the promulgated standard.

(b) If the Administrator promulgates an emission standard under Section 112(d) or Section 112(h) of the Act or the Department makes a determination under Section 112(j) of the Act that is applicable to a stationary source or group of sources which was deemed to be a constructed or reconstructed major source under this subpart and has been subject to a prior case-by-case MACT determination pursuant to Regulation 61-62.63, Section 63.43, and the owner or operator obtained a final and legally effective case-by-case MACT determination prior to the promulgation date of

such emission standard, then the Department will (if the initial Part 70 permit has not yet been issued) issue an initial operating permit which incorporates the emission standard or determination, or will (if the initial Part 70 permit has been issued) revise the operating permit according to the reopening procedures in Regulation 61-62.70, or 40 CFR 70 or 71, whichever is relevant, to incorporate the emission standard or determination.

(1) The EPA may include in the emission standard established under Section 112(d) or Section 112(h) of the Act a specific compliance date for those sources which have obtained a final and legally effective MACT determination under this subpart and which have submitted the information required by Regulation 61-62.63, Section 63.43, to the Department before the close of the public comment period for the standard established under Section 112(d) of the Act. Such date shall assure that the owner or operator shall comply with the promulgated standard as expeditiously as practicable, but not longer than eight (8) years after such standard is promulgated. In that event, the Department shall incorporate the applicable compliance date in the Part 70 operating permit.

(2) If no compliance date has been established in the promulgated 112(d) or 112(h) Standard or Section 112(j) determination, for those sources which have obtained a final and legally effective MACT determination under this subpart, then the Department shall establish a compliance date in the permit that assures that the owner or operator shall comply with the promulgated standard or determination as expeditiously as practicable, but not longer than eight (8) years after such standard is promulgated or a Section 112(j) determination is made.

(c) Notwithstanding the requirements of paragraphs (a) and (b) of this section, if the Administrator promulgates an emission standard under Section 112(d) or Section 112(h) of the Act or the Department issues a determination under Section 112(j) of the Act that is applicable to a stationary source or group of sources which was deemed to be a constructed or reconstructed major source under this subpart and which is the subject of a prior case-by-case MACT determination pursuant to Regulation 61-62.63, Section 63.43 of this subpart, and the level of control required by the emission standard issued under Section 112(d) or Section 112(h) or the determination issued under Section 112(j) of the Act is less stringent than the level of control required by any emission limitation or standard in the prior MACT determination, the Department is not required to incorporate any less stringent terms of the promulgated standard in the Part 70 operating permit applicable to such source(s) and may in its discretion consider any more stringent provisions of the prior MACT determination to be applicable legal requirements when issuing or revising such an operating permit.

Section 63.50 - Applicability.

(a) General applicability.

(1) The requirements of this section through Section 63.56 implement Section 112(j) of the Clean Air Act (as amended in 1990). The requirements of this section through Section 63.56 apply in each state beginning on the effective date of an approved Title V permit program in such state. The requirements of this section through Section 63.56 do not apply to research or laboratory activities as defined in Section 63.51.

(2) The requirements of this section through Section 63.56 apply to:

(i) The owner or operator of affected sources within a source category or subcategory under this part that are located at a major source that is subject to an approved Title V permit program and for which the Administrator has failed to promulgate emission standards by the Section 112(j) deadlines. If Title V applicability has been deferred for a source category, then Section 112(j) is not applicable for sources in that category within that state, local, or tribal jurisdiction until those sources become subject to Title V permitting requirements; and

(ii) Permitting authorities with an approved Title V permit program.

(b) Relationship to state and local requirements. Nothing in Sections 63.50 through 63.56 shall prevent a state or local regulatory agency from imposing more stringent requirements, as a matter of state or local law, than those contained in Sections 63.50 through 63.56.

(c) The procedures in Sections 63.50 through 63.56 apply for each affected source only after the Section 112(j) deadline for the source category or subcategory in question has passed, and only until such time as a generally applicable federal standard governing that source has been promulgated under Section 112(d) or 112(h) of the Act. Once a generally applicable federal standard governing that source has been promulgated, the owner or operator of the affected source and the permitting authority are not required to take any further actions to develop an equivalent emission limitation under Section 112(j) of the Act.

(d) Any final equivalent emission limitation for an affected source which is issued by the permitting authority pursuant to Sections 63.50 through 63.56 prior to promulgation of a generally applicable federal standard governing that source under Section 112(d) or 112(h) of the Act shall be deemed an applicable federal requirement adopted pursuant to Section 112(j) of the Act. Each such equivalent emission limitation shall take effect upon issuance of the permit containing that limitation under Section 112(j)(5) of the Act, and shall remain applicable to the source until such time as it may be revised or supplanted pursuant to the procedures established by Sections 63.50 through 63.56. Such a final equivalent emission limitation, and all associated requirements adopted pursuant to Section 63.52(f)(2), are directly enforceable under federal law regardless of whether or not any permit in which they may be contained remains in effect.

Section 63.51 - Definitions.

Terms used in Sections 63.50 through 63.56 that are not defined in this section have the meaning given to them in the Act, or in Subpart A of this part.

(a) “Affected source” means the collection of equipment, activities, or both within a single contiguous area and under common control that is in a Section 112(c) source category or subcategory for which the Administrator has failed to promulgate an emission standard by the Section 112(j) deadline, and that is addressed by an applicable MACT emission limitation established pursuant to this subpart.

(b) “Available information” means, for purposes of conducting a MACT floor finding and identifying control technology options under this subpart, any information that is available as of the date on which the first Part 2 MACT application is filed for a source in the relevant source category or subcategory in the state or jurisdiction; and, pursuant to the requirements of this subpart, is additional relevant information that can be expeditiously provided by the Administrator, is submitted by the applicant or others prior to or during the public comment

period on the Section 112(j) equivalent emission limitation for that source, or information contained in the information sources in paragraphs (b)(1) through (b)(5) of this definition.

(1) A relevant proposed regulation, including all supporting information.

(2) Relevant background information documents for a draft or proposed regulation.

(3) Any relevant regulation, information, or guidance collected by the Administrator establishing a MACT floor finding and/or MACT determination.

(4) Relevant data and information available from the Clean Air Technology Center developed pursuant to Section 112(l)(3) of the Act.

(5) Relevant data and information contained in the Aerometric Information Retrieval System (AIRS).

(6) Any additional information that can be expeditiously provided by the Administrator.

(7) Any information provided by applicants in an application for a permit, permit modification, administrative amendment, or Notice of MACT Approval pursuant to the requirements of this subpart.

(8) Any additional relevant information provided by the applicant.

(c) "Control technology" means measures, processes, methods, systems, or techniques to limit the emission of HAPs including, but not limited to, measures which:

(1) Reduce the quantity or eliminate emissions of such pollutants through process changes, substitution of materials, or other modifications;

(2) Enclose systems or processes to eliminate emissions;

(3) Collect, capture, or treat such pollutants when released from a process, stack, storage, or fugitive emissions point;

(4) Are design, equipment, work practice, or operational standards (including requirements for operator training or certification) as provided in 42 U.S.C. 7412(h); or

(5) Are a combination of paragraphs (c)(1) through (c)(4) of this definition.

(d) "Enhanced review" means a review process containing all administrative steps needed to ensure that the terms and conditions resulting from the review process can be incorporated using Title V permitting procedures.

(e) "Equivalent emission limitation" means an emission limitation, established under Section 112(j) of the Act, which is equivalent to the MACT standard that EPA would have promulgated under Section 112(d) or Section 112 (h) of the Act.

(f) "Maximum achievable control technology (MACT) emission limitation for existing sources" means the emission limitation reflecting the maximum degree of reduction in emissions of HAPs (including a prohibition on such emissions, where achievable) that the Administrator, taking into

consideration the cost of achieving such emission reductions, and any non-air quality health and environmental impacts and energy requirements, determines is achievable by sources in the category or subcategory to which such emission standard applies. This limitation shall not be less stringent than the MACT floor.

(g) "Maximum achievable control technology (MACT) emission limitation for new sources" means the emission limitation which is not less stringent than the emission limitation achieved in practice by the best controlled similar source, and which reflects the maximum degree of reduction in emissions of HAPs (including a prohibition on such emissions, where achievable) that the Administrator, taking into consideration the cost of achieving such emission reduction, and any non-air quality health and environmental impacts and energy requirements, determines is achievable by sources in the category or subcategory to which such emission standard applies.

(h) "Maximum Achievable Control Technology (MACT) floor" means:

(1) For existing sources:

(i) The average emission limitation achieved by the best performing twelve (12) percent of the existing sources in the United States (for which the Administrator has emissions information), excluding those sources that have, within eighteen (18) months before the emission standard is proposed or within thirty (30) months before such standard is promulgated, whichever is later, first achieved a level of emission rate or emission reduction which complies, or would comply if the source is not subject to such standard, with the LAER (as defined in Section 171 of the Act) applicable to the source category and prevailing at the time, in the category or subcategory, for categories and subcategories of stationary sources with thirty (30) or more sources; or

(ii) The average emission limitation achieved by the best performing five (5) sources (for which the Administrator has or could reasonably obtain emissions information) in the category or subcategory, for categories or subcategories with fewer than thirty (30) sources;

(2) For new sources, the emission limitation achieved in practice by the best controlled similar source.

(i) "New affected source" means the collection of equipment, activities, or both, that if constructed after the issuance of a Section 112(j) permit for the source pursuant to Section 63.52, is subject to the applicable MACT emission limitation for new sources. Each permit must define the term "new affected source," which will be the same as the "affected source" unless a different collection is warranted based on consideration of factors including:

(1) Emission reduction impacts of controlling individual sources versus groups of sources;

(2) Cost effectiveness of controlling individual equipment;

(3) Flexibility to accommodate common control strategies;

(4) Cost/benefits of emissions averaging;

(5) Incentives for pollution prevention;

(6) Feasibility and cost of controlling processes that share common equipment (for example, product recovery devices);

(7) Feasibility and cost of monitoring; and

(8) Other relevant factors.

(j) "Permitting authority" means the permitting authority as defined in Part 70 of this chapter.

(k) "Research or laboratory activities" means activities whose primary purpose is to conduct research and development into new processes and products where such activities are operated under the close supervision of technically trained personnel and are not engaged in the manufacture of products for commercial sale in commerce, except in a de minimis manner; and where the source is not in a source category, specifically addressing research or laboratory activities, that is listed pursuant to Section 112(c)(7) of the Act.

(l) "Section 112(j) deadline" means the date eighteen (18) months after the date for which a relevant standard is scheduled to be promulgated under this part, except that for all major sources listed in the source category schedule for which a relevant standard is scheduled to be promulgated by November 15, 1994, the Section 112(j) deadline is November 15, 1996, and for all major sources listed in the source category schedule for which a relevant standard is scheduled to be promulgated by November 15, 1997, the Section 112(j) deadline is December 15, 1999.

(m) "Similar source" means that equipment or collection of equipment that, by virtue of its structure, operability, type of emissions, and volume and concentration of emissions, is substantially equivalent to the new affected source and employs control technology for control of emissions of HAPs that is practical for use on the new affected source.

(n) "Source category schedule for standards" means the schedule for promulgating MACT standards issued pursuant to Section 112(e) of the Act.

Section 63.52 - Approval Process for New and Existing Affected Sources.

(a) Sources subject to Section 112(j) as of the Section 112(j) deadline. The requirements of paragraphs (a)(1) and (a)(2) of this section apply to major sources that include, as of the Section 112(j) deadline, one or more sources in a category or subcategory for which the Administrator has failed to promulgate an emission standard under this part on or before an applicable Section 112(j) deadline. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued to the source pursuant to the requirements of the subpart, must apply to such sources.

(1) The owner or operator must submit an application for a Title V permit or for a revision to an existing Title V permit or a pending Title V permit meeting the requirements of Section 63.53(a) by the Section 112(j) deadline if the owner or operator can reasonably determine that one or more sources at the major source belong in the category or subcategory subject to Section 112(j).

(2) If an application was not submitted under paragraph (a)(1) of this section and if notified by the permitting authority, the owner or operator must submit an application for a Title V permit or for a revision to an existing Title V permit or a pending Title V permit meeting the requirements of Section 63.53(a) within thirty (30) days after being notified in writing by the permitting

authority that one or more sources at the major source belong to such category or subcategory. Permitting authorities are not required to make such notification.

(3) The requirements in paragraphs (a)(3)(i) through (a)(3)(ii) of this section apply when the owner or operator has obtained a Title V permit that incorporates a case-by-case MACT determination by the permitting authority under Section 112(g) or has submitted a Title V permit application for a revision that incorporates a case-by-case MACT determination under Section 112(g), but has not submitted an application for a Title V permit revision that addresses the emission limitation requirements of Section 112(j).

(i) When the owner or operator has a Title V permit that incorporates a case-by-case MACT determination by the permitting authority under Section 112(g), the owner or operator must submit an application meeting the requirements of Section 63.53(a) for a Title V permit revision within thirty (30) days of the Section 112(j) deadline or within thirty (30) days of being notified in writing by the permitting authority that one or more sources at the major source belong in such category or subcategory. Using the procedures established in paragraph (e) of this section, the permitting authority must determine whether the emission limitations adopted pursuant to the prior case-by-case MACT determination under Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt pursuant to Section 112(j) for the source in question. If the permitting authority determines that the emission limitations previously adopted to effectuate Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt to effectuate Section 112(j) for the source, then the permitting authority must retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j). The Title V permit applicable to that source must be revised accordingly. If the permitting authority does not retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j), the MACT requirements of this subpart are satisfied upon issuance of a revised Title V permit incorporating any additional Section 112(j) requirements.

(ii) When the owner or operator has submitted a Title V permit application that incorporates a case-by-case MACT determination by the permitting authority under Section 112(g), but has not received the permit incorporating the Section 112(g) requirements, the owner or operator must continue to pursue a Title V permit that addresses the emission limitation requirements of Section 112(g). Within thirty (30) days of issuance of that Title V permit, the owner or operator must submit an application meeting the requirements of Section 63.53(a) for a change to the existing Title V permit. Using the procedures established in paragraph (e) of this section, the permitting authority must determine whether the emission limitations adopted pursuant to the prior case-by-case MACT determination under Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt pursuant to Section 112(j) for the source in question. If the permitting authority determines that the emission limitations previously adopted to effectuate Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt to effectuate Section 112(j) for the source, then the permitting authority must retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j). The Title V permit applicable to that source must be revised accordingly. If the permitting authority does not retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j), the MACT requirements of this subpart are satisfied upon issuance of a revised Title V permit incorporating any additional Section 112(j) requirements.

(b) Sources that become subject to Section 112(j) after the Section 112(j) deadline and that do not have a Title V permit addressing Section 112(j) requirements. The requirements of paragraphs

(b)(1) through (b)(4) of this section apply to sources that do not meet the criteria in paragraph (a) of this section on the Section 112(j) deadline and are, therefore, not subject to Section 112(j) on that date, but where events occur subsequent to the Section 112(j) deadline that would bring the source under the requirements of this subpart, and the source does not have a Title V permit that addresses the requirements of Section 112(j).

(1) When one (1) or more sources in a category or subcategory subject to the requirements of this subpart are installed at a major source, or result in the source becoming a major source due to the installation, and the installation does not invoke Section 112(g) requirements, the owner or operator must submit an application meeting the requirements of Section 63.53(a) within thirty (30) days of startup of the source. This application shall be reviewed using the procedures established in paragraph (e) of this section. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued pursuant to the requirements of this subpart, shall apply to such sources.

(2) The requirements in this paragraph apply when one or more sources in a category or subcategory subject to this subpart are installed at a major source, or result in the source becoming a major source due to the installation, and the installation does require emission limitations to be established and permitted under Section 112(g), and the owner or operator has not submitted an application for a Title V permit revision that addresses the emission limitation requirements of Section 112(j). In this case, the owner or operator must apply for and obtain a Title V permit that addresses the emission limitation requirements of Section 112(g). Within thirty (30) days of issuance of that Title V permit, the owner or operator must submit an application meeting the requirements of Section 63.53(a) for a revision to the existing Title V permit. Using the procedures established in paragraph (e) of this section, the permitting authority must determine whether the emission limitations adopted pursuant to the prior case-by-case MACT determination under Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt pursuant to Section 112(j) for the source in question. If the permitting authority determines that the emission limitations previously adopted to effectuate Section 112(g) are substantially as effective as the emission limitations which the permitting authority would otherwise adopt to effectuate Section 112(j) for the source, then the permitting authority must retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j). The Title V permit applicable to that source must be revised accordingly. If the permitting authority does not retain the existing emission limitations in the permit as the emission limitations to effectuate Section 112(j), the MACT requirements of this subpart are satisfied upon issuance of a revised Title V permit incorporating any additional Section 112(j) requirements.

(3) The owner or operator of an area source that, due to a relaxation in any federally enforceable emission limitation (such as a restriction on hours of operation), increases its potential to emit HAPs such that the source becomes a major source that is subject to this subpart, must submit an application meeting the requirements of Section 63.53(a) for a Title V permit or for an application for a Title V permit revision within thirty (30) days after the date that such source becomes a major source. This application must be reviewed using the procedures established in paragraph (e) of this section. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued pursuant to the requirements of this subpart, must apply to such sources.

(4) On or after April 5, 2002, if the Administrator establishes a lesser quantity emission rate under Section 112(a)(1) of the Act that results in an area source becoming a major source that is

subject to this subpart, then the owner or operator of such a major source must submit an application meeting the requirements of Section 63.53(a) for a Title V permit or for a change to an existing Title V permit or pending Title V permit on or before the date six (6) months after the date that such source becomes a major source. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued pursuant to the requirements of this subpart, shall apply to such sources.

(c) Sources that have a Title V permit addressing Section 112(j) requirements. The requirements of paragraphs (c)(1) and (c)(2) of this section apply to major sources that include one or more sources in a category or subcategory for which the Administrator fails to promulgate an emission standard under this part on or before an applicable Section 112(j) deadline, and the owner or operator has a permit meeting the Section 112(j) requirements, and where changes occur at the major source to equipment, activities, or both, subsequent to the Section 112(j) deadline.

(1) If the Title V permit already provides the appropriate requirements that address the events that occur under paragraph (c) of this section subsequent to the Section 112(j) deadline, then the source must comply with the applicable new source MACT or existing source MACT requirements as specified in the permit, and the Section 112(j) requirements are thus satisfied.

(2) If the Title V permit does not contain the appropriate requirements that address the events that occur under paragraph (c) of this section subsequent to the Section 112(j) deadline, then the owner or operator must submit an application for a revision to the existing Title V permit that meets the requirements of Section 63.53(a). The application must be submitted within thirty (30) days of beginning construction and must be reviewed using the procedures established in paragraph (e) of this section. Existing source MACT requirements (including relevant compliance deadlines), as specified in a Title V permit issued pursuant to the requirements of this subpart, shall apply to such sources.

(d) Requests for applicability determination or notice of MACT approval.

(1) An owner or operator who is unsure of whether one or more sources at a major source belong in a category or subcategory for which the Administrator has failed to promulgate an emission standard under this part may, on or before an applicable Section 112(j) deadline, request an applicability determination from the permitting authority by submitting an application meeting the requirements of Section 63.53(a) by the applicable deadlines specified in paragraphs (a), (b), or (c) of this section.

(2) In addition to meeting the requirements of paragraphs (a), (b), and (c) of this section, the owner or operator of a new affected source may submit an application for a Notice of MACT Approval before construction, pursuant to Section 63.54.

(e) Permit application review.

(1) Each owner or operator who is required to submit to the permitting authority a Part 1 MACT application which meets the requirements of Section 63.53(a) for one or more sources in a category or subcategory subject to Section 112(j) must also submit to the permitting authority a timely Part 2 MACT application for the same sources which meets the requirements of Section 63.53(b). Each owner or operator shall submit the Part 2 MACT application for the sources in a particular category or subcategory no later than the applicable date specified in Table 1 to this subpart. The submission date specified in Table 1 to this subpart for Miscellaneous Organic Chemical Manufacturing shall apply to sources in each of the source categories listed in Table 2

to this subpart. When the owner or operator is required by Sections 63.50 through 63.56 to submit an application meeting the requirements of Section 63.53(a) by a date which is after the date for a Part 2 MACT application for sources in the category or subcategory in question established by Table 1 to this subpart, the owner or operator shall submit a Part 2 MACT application meeting the requirements of Section 63.53(b) within sixty (60) additional days after the applicable deadline for submission of the Part 1 MACT application. Part 2 MACT applications must be reviewed by the permitting authority according to procedures established in Section 63.55. The resulting MACT determination must be incorporated into the source's Title V permit according to procedures established under Title V, and any other regulations approved under Title V in the jurisdiction in which the affected source is located.

(2) Notwithstanding paragraph (e)(1) of this section, the owner or operator may request either an applicability determination or an equivalency determination by the permitting authority as provided in paragraphs (e)(2)(i) and (e)(2)(ii) of this section.

(i) Each owner or operator who submitted a request for an applicability determination pursuant to paragraph (d)(1) of this section on or before May 15, 2002, which remains pending before the permitting authority on May 30, 2003, and who still wishes to obtain such a determination, must resubmit that request by July 29, 2003, or by the date which is sixty (60) days after the Administrator publishes in the Federal Register a proposed standard under Section 112(d) or 112(h) of the Act for the category or subcategory in question, whichever is later. Each request for an applicability determination which is resubmitted under this paragraph (e)(2)(i) must be supplemented to discuss the relation between the source(s) in question and the applicability provision in the proposed standard for the category or subcategory in question, and to explain why there may still be uncertainties that require a determination of applicability. The permitting authority must take action upon each properly resubmitted and supplemented request for an applicability determination within an additional sixty (60) days after the applicable deadline for the resubmitted request. If the applicability determination is positive, the owner or operator must submit a Part 2 MACT application meeting the requirements of Section 63.53(b) by the date specified for the category or subcategory in question in Table 1 to this subpart. If the applicability determination is negative, then no further action by the owner or operator is necessary.

(ii) As specified in paragraphs (a) and (b) of this section, an owner or operator who has submitted an application meeting the requirements of Section 63.53(a) may request a determination by the permitting authority of whether emission limitations adopted pursuant to a prior case-by-case MACT determination under Section 112(g) that apply to one or more sources at a major source in a relevant category or subcategory are substantially as effective as the emission limitations which the permitting authority would otherwise adopt pursuant to Section 112(j) for the source in question. Such a request must be submitted by the date for the category or subcategory in question specified in Table 1 to this subpart. Any owner or operator who previously submitted such a request under a prior version of this paragraph (e)(2)(ii) need not resubmit the request. Each request for an equivalency determination under this paragraph (e)(2)(ii), regardless of when it was submitted, will be construed in the alternative as a complete application for an equivalent emission limitation under Section 112(j). The process for determination by the permitting authority of whether the emission limitations in the prior case-by-case MACT determination are substantially as effective as the emission limitations which the permitting authority would otherwise adopt under Section 112(j) must include the opportunity for full public, EPA, and affected state review prior to a final determination. If the permitting authority determines that the emission limitations in the prior case-by-case MACT determination are substantially as effective as the emission limitations which the permitting authority would otherwise adopt under Section 112(j), then the permitting authority must adopt the existing

emission limitations in the permit as the emission limitations to effectuate Section 112(j) for the source in question. If more than three (3) years remain on the current Title V permit, the owner or operator must submit an application for a Title V permit revision to make any conforming changes in the permit required to adopt the existing emission limitations as the Section 112(j) MACT emission limitations. If less than three (3) years remain on the current Title V permit, any required conforming changes must be made when the permit is renewed. If the permitting authority determines that the emission limitations in the prior case-by-case MACT determination under Section 112(g) are not substantially as effective as the emission limitations which the permitting authority would otherwise adopt for the source in question under Section 112(j), the permitting authority must make a new MACT determination and adopt a Title V permit incorporating an appropriate equivalent emission limitation under Section 112(j). Such a determination constitutes final action for purposes of judicial review under 40 CFR 70.4(b)(3)(x) and corresponding state Title V program provisions.

(3) Within sixty (60) days of submittal of the Part 2 MACT application, the permitting authority must notify the owner or operator in writing whether the application is complete or incomplete. The Part 2 MACT application shall be deemed complete on the date it was submitted unless the permitting authority notifies the owner or operator in writing within sixty (60) days of the submittal that the Part 2 MACT application is incomplete. A Part 2 MACT application is complete if it is sufficient to begin processing the application for a Title V permit addressing Section 112(j) requirements. In the event that the permitting authority disapproves a permit application or determines that the application is incomplete, the owner or operator must revise and resubmit the application to meet the objections of the permitting authority. The permitting authority must specify a reasonable period in which the owner or operator is required to remedy the deficiencies in the disapproved or incomplete application. This period may not exceed six (6) months from the date the owner or operator is first notified that the application has been disapproved or is incomplete.

(4) Following submittal of a Part 1 or Part 2 MACT application, the permitting authority may request additional information from the owner or operator. The owner or operator must respond to such requests in a timely manner.

(5) If the owner or operator has submitted a timely and complete application as required by this section, any failure to have a Title V permit addressing Section 112(j) requirements shall not be a violation of Section 112(j), unless the delay in final action is due to the failure of the applicant to submit, in a timely manner, information required or requested to process the application. Once a complete application is submitted, the owner or operator shall not be in violation of the requirement to have a Title V permit addressing Section 112(j) requirements.

(f) Permit content. The Title V permit must contain an equivalent emission limitation (or limitations) for the relevant category or subcategory determined on a case-by-case basis by the permitting authority, or, if the applicable criteria in Subpart D of this part are met, the Title V permit may contain an alternative emission limitation. For the purposes of the preceding sentence, early reductions made pursuant to Section 112(i)(5)(A) of the Act must be achieved not later than the date on which the relevant standard should have been promulgated according to the source category schedule for standards.

(1) The Title V permit must contain an emission standard or emission limitation that is equivalent to existing source MACT and an emission standard or emission limitation that is equivalent to new source MACT for control of emissions of HAPs. The MACT emission standards or limitations must be determined by the permitting authority and must be based on the

degree of emission reductions that can be achieved if the control technologies or work practices are installed, maintained, and operated properly. The permit must also specify the affected source and the new affected source. If construction of a new affected source or reconstruction of an affected source commences after a Title V permit meeting the requirements of Section 112(j) has been issued for the source, the new source MACT compliance dates must apply.

(2) The Title V permit must specify any notification, operation and maintenance, performance testing, monitoring, and reporting and recordkeeping requirements. In developing the Title V permit, the permitting authority must consider and specify the appropriate provisions of Subpart A of this part. The Title V permit must also include the information in paragraphs (f)(2)(i) through (f)(2)(iii) of this section.

(i) In addition to the MACT emission limitation required by paragraph (f)(1) of this section, additional emission limits, production limits, operational limits, or other terms and conditions necessary to ensure practicable enforceability of the MACT emission limitation.

(ii) Compliance certifications, testing, monitoring, reporting, and recordkeeping requirements that are consistent with requirements established pursuant to Title V and paragraph (h) of this section.

(iii) Compliance dates by which the owner or operator must be in compliance with the MACT emission limitation and all other applicable terms and conditions of the permit.

(A) The owner or operator of an affected source subject to the requirements of this subpart must comply with the emission limitation(s) by the date established in the source's Title V permit. In no case shall such compliance date be later than three (3) years after the issuance of the permit for that source, except where the permitting authority issues a permit that grants an additional year to comply in accordance with Section 112(i)(3)(B) of the Act, or unless otherwise specified in Section 112(i), or in Subpart D of this part.

(B) The owner or operator of a new affected source, as defined in the Title V permit meeting the requirements of Section 112(j), that is subject to the requirements of this subpart must comply with a new source MACT level of control immediately upon startup of the new affected source.

(g) Permit issuance dates. The permitting authority must issue a Title V permit meeting Section 112(j) requirements within eighteen (18) months after submittal of the complete Part 2 MACT application.

(h) Enhanced monitoring. In accordance with Section 114(a)(3) of the Act, monitoring shall be capable of demonstrating continuous compliance for each compliance period during the applicable reporting period. Such monitoring data shall be of sufficient quality to be used as a basis for directly enforcing all applicable requirements established under this subpart, including emission limitations.

(i) MACT emission limitations.

(1) The owner or operator of affected sources subject to paragraphs (a), (b), and (c) of this section must comply with all requirements of this subpart that are applicable to affected sources, including the compliance date for affected sources established in paragraph (f)(2)(iii)(A) of this section.

(2) The owner or operator of new affected sources subject to paragraph (c)(1) of this section must comply with all requirements of this subpart that are applicable to new affected sources, including the compliance date for new affected sources established in paragraph (f)(2)(iii)(B) of this section.

Section 63.53 - Application Content for Case-by-Case MACT Determinations.

(a) Part 1 MACT application. The Part 1 application for a MACT determination must contain the information in paragraphs (a)(1) through (a)(4) of this section.

(1) The name and address (physical location) of the major source.

(2) A brief description of the major source and an identification of the relevant source category.

(3) An identification of the types of emission points belonging to the relevant source category.

(4) An identification of any affected sources for which a Section 112(g) MACT determination has been made.

(b) Part 2 MACT application.

(1) In compiling a Part 2 MACT application, the owner or operator may cross-reference specific information in any prior submission by the owner or operator to the permitting authority, but in cross-referencing such information the owner or operator may not presume favorable action on any prior application or request which is still pending. In compiling a Part 2 MACT application, the owner or operator may also cross-reference any part of a standard proposed by the Administrator pursuant to Section 112(d) or 112(h) of the Act for any category or subcategory which includes sources to which the Part 2 application applies.

(2) The Part 2 application for a MACT determination must contain the information in paragraphs (b)(2)(i) through (b)(2)(v) of this section.

(i) For a new affected source, the anticipated date of startup of operation.

(ii) Each emission point or group of emission points at the affected source which is part of a category or subcategory for which a Part 2 MACT application is required, and each of the HAPs emitted at those emission points. When the Administrator has proposed a standard pursuant to Section 112(d) or 112(h) of the Act for a category or subcategory, such information may be limited to those emission points and HAPs which would be subject to control under the proposed standard.

(iii) Any existing federal, state, or local limitations or requirements governing emissions of HAPs from those emission points which are part of a category or subcategory for which a Part 2 application is required.

(iv) For each identified emission point or group of affected emission points, an identification of control technology in place.

(v) Any additional emission data or other information specifically requested by the permitting authority.

(3) The Part 2 application for a MACT determination may, but is not required to, contain the following information:

(i) Recommended emission limitations for the affected source and support information consistent with Section 63.52(f). The owner or operator may recommend a specific design, equipment, work practice, or operational standard, or combination thereof, as an emission limitation.

(ii) A description of the control technologies that would be applied to meet the emission limitation including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied.

(iii) Relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.

Section 63.54 - Preconstruction Review Procedures for New Affected Sources.

The requirements of this section apply to an owner or operator who constructs a new affected source subject to Section 63.52(c)(1). The purpose of this section is to describe alternative review processes that the permitting authority may use to make a MACT determination for the new affected source.

(a) Review process for new affected sources.

(1) If the permitting authority requires an owner or operator to obtain or revise a Title V permit before construction of the new affected source, or when the owner or operator chooses to obtain or revise a Title V permit before construction, the owner or operator must follow the procedures established under the applicable Title V permit program before construction of the new affected source.

(2) If an owner or operator is not required to obtain or revise a Title V permit before construction of the new affected source (and has not elected to do so), but the new affected source is covered by any preconstruction or preoperation review requirements established pursuant to Section 112(g) of the Act, then the owner or operator must comply with those requirements in order to ensure that the requirements of Section 112(j) and 112(g) are satisfied. If the new affected source is not covered by Section 112(g), the permitting authority, in its discretion, may issue a Notice of MACT Approval, or the equivalent, in accordance with the procedures set forth in paragraphs (b) through (f) of this section, or an equivalent permit review process, before construction or operation of the new affected source.

(3) Regardless of the review process, the MACT determination shall be consistent with the principles established in Section 63.55. The application for a Notice of MACT Approval or a Title V permit, permit modification, or administrative amendment, whichever is applicable, shall include the documentation required by Section 63.53.

(b) Optional administrative procedures for preconstruction or preoperation review for new affected sources. The permitting authority may provide for an enhanced review of Section 112(j) MACT determinations for review procedures and compliance requirements equivalent to those set forth in paragraphs (b) through (f) of this section.

(1) The permitting authority will notify the owner or operator in writing as to whether the application for a MACT determination is complete or whether additional information is required.

(2) The permitting authority will approve an applicant's proposed control technology, or the permitting authority will notify the owner or operator in writing of its intention to disapprove a control technology.

(3) The owner or operator may present in writing, within a time frame specified by the permitting authority, additional information, considerations, or amendments to the application before the permitting authority's issuance of a final disapproval.

(4) The permitting authority will issue a preliminary approval or issue a disapproval of the application, taking into account additional information received from the owner or operator.

(5) A determination to disapprove any application will be in writing and will specify the grounds on which the disapproval is based.

(6) Approval of an applicant's proposed control technology must be set forth in a Notice of MACT Approval (or the equivalent) as described in Section 63.52(f).

(c) Opportunity for public comment on Notice of MACT Approval. The permitting authority will provide opportunity for public comment on the preliminary Notice of MACT Approval prior to issuance, including, at a minimum:

(1) Availability for public inspection in at least one location in the area affected of the Information submitted by the owner or operator and of the permitting authority's tentative determination;

(2) A period for submittal of public comment of at least thirty (30) days; and

(3) A notice by prominent advertisement in the area affected of the location of the source information and analysis specified in Section 63.52(f). The form and content of the notice must be substantially equivalent to that found in Section 70.7 of this chapter.

(4) An opportunity for a public hearing, if one is requested. The permitting authority will give at least thirty (30) days notice in advance of any hearing.

(d) Review by the EPA and affected states. The permitting authority must send copies of the preliminary notice (in time for comment) and final notice required by paragraph (c) of this section to the Administrator through the appropriate Regional Office, and to all other state and local air pollution control agencies having jurisdiction in affected states. The permitting authority must provide EPA with a review period for the final notice of at least forty-five (45) days and shall not issue a final Notice of MACT Approval until EPA objections are satisfied.

(e) Compliance with MACT determinations. An owner or operator of a major source that is subject to a MACT determination must comply with notification, operation and maintenance, performance testing, monitoring, reporting, and recordkeeping requirements established under Section 63.52(h), under Title V, and at the discretion of the permitting authority, under Subpart A of this part. The permitting authority must provide the EPA with the opportunity to review compliance requirements for consistency with requirements established pursuant to Title V during the review period under paragraph (d) of this section.

(f) Equivalency under Section 112(l). If a permitting authority requires preconstruction review for new source MACT determinations under this subpart, such requirement shall not necessitate a determination under Subpart E of this part.

Section 63.55 - Maximum Achievable Control Technology (MACT) Determinations for Affected Sources Subject to Case-by-Case Determination of Equivalent Emission Limitations.

(a) Requirements for permitting authorities. The permitting authority must determine whether the Section 63.53(a) Part 1 and Section 63.53(b) Part 2 MACT application is complete or an application for a Notice of MACT Approval is approvable. In either case, when the application is complete or approvable, the permitting authority must establish HAP emissions limitations equivalent to the limitations that would apply if an emission standard had been issued in a timely manner under Section 112(d) or 112(h) of the Act. The permitting authority must establish these emissions limitations consistent with the following requirements and principles:

(1) Emission limitations must be established for the equipment and activities within the affected sources within a source category or subcategory for which the Section 112(j) deadline has passed.

(2) Each emission limitation for an existing affected source must reflect the maximum degree of reduction in emissions of HAPs (including a prohibition on such emissions, where achievable) that the permitting authority, taking into consideration the cost of achieving such emission reduction and any non-air quality health and environmental impacts and energy requirements, determines is achievable by affected sources in the category or subcategory for which the Section 112(j) deadline has passed. This limitation must not be less stringent than the MACT floor which must be established by the permitting authority according to the requirements of Section 112(d)(3)(A) and 112(d)(3)(B) and must be based upon available information.

(3) Each emission limitation for a new affected source must reflect the maximum degree of reduction in emissions of HAPs (including a prohibition on such emissions, where achievable) that the permitting authority, taking into consideration the cost of achieving such emission reduction and any non-air quality health and environmental impacts and energy requirements, determines is achievable. This limitation must not be less stringent than the emission limitation achieved in practice by the best controlled similar source which must be established by the permitting authority according to the requirements of Section 112(d)(3). This limitation must be based upon available information.

(4) The permitting authority must select a specific design, equipment, work practice, or operational standard, or combination thereof, when it is not feasible to prescribe or enforce an equivalent emission limitation due to the nature of the process or pollutant. It is not feasible to prescribe or enforce a limitation when the Administrator determines that HAPs cannot be emitted through a conveyance designed and constructed to capture such pollutant, or that any requirement for, or use of, such a conveyance would be inconsistent with any federal, state, or local law, or the application of measurement methodology to a particular class of sources is not practicable due to technological and economic limitations.

(5) Nothing in this subpart shall prevent a state or local permitting authority from establishing an emission limitation more stringent than required by federal regulations.

(b) Reporting to EPA. The owner or operator must submit additional copies of its Part 1 and Part 2 MACT application for a Title V permit, permit revision, or Notice of MACT Approval, whichever is applicable, to the EPA at the same time the material is submitted to the permitting authority.

Section 63.56 - Requirements for Case-by-Case Determination of Equivalent Emission Limitations After Promulgation of Subsequent MACT Standard.

(a) If the Administrator promulgates a relevant emission standard that is applicable to one or more affected sources within a major source before the date a permit application under this paragraph (a) is approved, the Title V permit must contain the promulgated standard rather than the emission limitation determined under Section 63.52, and the owner or operator must comply with the promulgated standard by the compliance date in the promulgated standard.

(b) If the Administrator promulgates a relevant emission standard under Section 112(d) or 112(h) of the Act that is applicable to a source after the date a permit is issued pursuant to Section 63.52 or Section 63.54, the permitting authority must incorporate requirements of that standard in the Title V permit upon its next renewal. The permitting authority must establish a compliance date in the revised permit that assures that the owner or operator must comply with the promulgated standard within a reasonable time, but not longer than eight (8) years after such standard is promulgated or eight (8) years after the date by which the owner or operator was first required to comply with the emission limitation established by the permit, whichever is earlier. However, in no event shall the period for compliance for existing sources be shorter than that provided for existing sources in the promulgated standard.

(c) Notwithstanding the requirements of paragraph (a) or (b) of this section, the requirements of paragraphs (c)(1) and (c)(2) of this section shall apply.

(1) If the Administrator promulgates an emission standard under Section 112(d) or 112(h) that is applicable to an affected source after the date a permit application under this paragraph is approved under Section 63.52 or Section 63.54, the permitting authority is not required to change the emission limitation in the permit to reflect the promulgated standard if the permitting authority determines that the level of control required by the emission limitation in the permit is substantially as effective as that required by the promulgated standard pursuant to Section 63.1(e).

(2) If the Administrator promulgates an emission standard under Section 112(d) or 112(h) of the Act that is applicable to an affected source after the date a permit application is approved under Section 63.52 or Section 63.54, and the level of control required by the promulgated standard is less stringent than the level of control required by any emission limitation in the prior MACT determination, the permitting authority is not required to incorporate any less stringent emission limitation of the promulgated standard in the Title V permit and may in its discretion consider any more stringent provisions of the MACT determination to be applicable legal requirements when issuing or revising such a Title V permit.

TABLE 1 TO SUBPART B OF PART 63— SECTION 112(J) PART 2 APPLICATION DUE DATES	
Due date	MACT standard
10/30/03	Combustion Turbines. Lime Manufacturing.

TABLE 1 TO SUBPART B OF PART 63— SECTION 112(J) PART 2 APPLICATION DUE DATES	
	Site Remediation. Iron and Steel Foundries. Taconite Iron Ore Processing. Miscellaneous Organic Chemical. Manufacturing (MON).[1] Organic Liquids Distribution. Primary Magnesium Refining. Metal Can (Surface Coating). Plastic Parts and Products (Surface Coating). Chlorine Production. Miscellaneous Metal Parts and Products (Surface Coating) (and Asphalt/Coal Tar Application-Metal Pipes).[2]
4/28/04	Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters.[3] Plywood and Composite Wood Products. Reciprocating Internal Combustion Engines.[4] Auto and Light-Duty Truck (Surface Coating).
11/14/05	Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters.[5] Hydrochloric Acid Production.[6]

[1] Covers 23 source categories, see Table 2 to this subpart.
[2] Two source categories.
[3] Includes all sources in the three categories, Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters that burn no hazardous waste.
[4] Includes engines greater than 500 brake horsepower.

[5] Includes all sources in the three categories, Industrial Boilers, Institutional/Commercial Boilers, and Process Heaters that burn hazardous waste.
[6] Includes furnaces that produce acid from hazardous waste at sources in the category Hydrochloric Acid Production.

TABLE 2 TO SUBPART B OF PART 63— NON SOURCE CATEGORIES
Manufacture of Paints, Coatings, and Adhesives. Alkyd Resins Production. Maleic Anhydride Copolymers Production. Polyester Resins Production. Polymerized Vinylidene Chloride Production. Polymethyl Methacrylate Resins Production. Polyvinyl Acetate Emulsions Production. Polyvinyl Alcohol Production. Polyvinyl Butyral Production. Ammonium Sulfate Production-Caprolactam By-Product Plants. Quaternary Ammonium Compounds Production. Benzyltrimethylammonium Chloride Production. Carbonyl Sulfide Production. Chelating Agents Production. Chlorinated Paraffins Production. Ethylidene Norbornene Production.

TABLE 2 TO SUBPART B OF PART 63— NON SOURCE CATEGORIES
Explosives Production.
Hydrazine Production.
OBPA/1,3-Diisocyanate Production.
Photographic Chemicals Production.
Phthalate Plasticizers Production.
Rubber Chemicals Manufacturing.
Symmetrical Tetrachloropyridine Production.

Subpart C - "List of Hazardous Air Pollutants, Petition Process, Lesser Quantity Designations, Source Category List"

The provisions of 40 CFR Part 63 Subpart C, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart C			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	June 18, 1996	[61 FR 30816]
Revision	Vol. 65	August 2, 2000	[65 FR 37342]
Revision	Vol. 69	November 29, 2004	[69 FR 69320]
Revision	Vol. 70	December 19, 2005	[70 FR 75047]

Subpart D - "Regulations Governing Compliance Extensions for Early Reduction of Hazardous Air Pollutants"

The provisions of 40 CFR Part 63 Subpart D, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart D			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 57	December 29, 1992	[57 FR 61970]
Revision	Vol. 58	June 25, 1993	[58 FR 34369]
Revision	Vol. 58	October 27, 1993	[58 FR 57911]
Revision	Vol. 58	November 29, 1993	[58 FR 62539]
Revision	Vol. 59	October 21, 1994	[59 FR 53109]
Revision	Vol. 59	November 21, 1994	[59 FR 59921]

Subpart E - "Approval of State Programs and Delegation of Federal Authorities"

The provisions of 40 CFR Part 63 Subpart E, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart E			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	February 17, 2004	[69 FR 7372]

40 CFR Part 63 Subpart E			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 70	October 13, 2005	[70 FR 59848]
Revision	Vol. 72	May 16, 2007	[72 FR 27437]

Subpart F - "National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry"

The provisions of 40 CFR Part 63 Subpart F, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 59	October 28, 1994	[59 FR 54131]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 61	December 5, 1996	[61 FR 64572]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 63	May 12, 1998	[63 FR 26078]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 21, 2006	[71 FR 76603]

Subpart G - "National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater"

The provisions of 40 CFR Part 63 Subpart G, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart G			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	June 6, 1994	[59 FR 29196]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]

40 CFR Part 63 Subpart G			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	December 5, 1996	[61 FR 64572]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 63	December 9, 1998	[63 FR 67787]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	December 23, 2004	[69 FR 76859]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 21, 2006	[71 FR 76603]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart H - "National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks"

The provisions of 40 CFR Part 63 Subpart H, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart H			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart I - "National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks"

The provisions of 40 CFR Part 63 Subpart I, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart I			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 59	October 28, 1994	[59 FR 54131]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart J - "National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production"

The provisions of 40 CFR Part 63 Subpart J, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart J			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	July 10, 2002	[67 FR 45866]

Subpart K - [Reserved]

Subpart L - "National Emission Standards for Coke Oven Batteries"

The provisions of 40 CFR Part 63 Subpart L, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart L			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 58	October 27, 1993	[58 FR 57911]
Revision	Vol. 59	January 13, 1994	[59 FR 1992]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	April 15, 2005	[70 FR 19992]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart M - "National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities"

The provisions of 40 CFR Part 63 Subpart M, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart M			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 58	September 22, 1993	[58 FR 49354]
Revision	Vol. 58	December 20, 1993	[58 FR 66287]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 61	June 11, 1996	[61 FR 29485]
Revision	Vol. 61	September 19, 1996	[61 FR 49263]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	July 27, 2006	[71 FR 42724]
Revision	Vol. 71	September 21, 2006	[71 FR 55280]
Revision	Vol. 73	April 1, 2008	[73 FR 17252]
Revision	Vol. 73	July 11, 2008	[73 FR 39871]

Subpart N - "National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks"

The provisions of 40 CFR Part 63 Subpart N, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart N			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	January 25, 1995	[60 FR 4948]
Revision	Vol. 60	May 24, 1995	[60 FR 27598]
Revision	Vol. 60	June 27, 1995	[60 FR 33122]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 62	January 30, 1997	[62 FR 4463]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	July 19, 2004	[69 FR 42885]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 77	September 19, 2012	[77 FR 58220]

Subpart O - "Ethylene Oxide Emission Standards for Sterilization Facilities"

The provisions of 40 CFR Part 63 Subpart O, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart O

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 59	December 6, 1994	[59 FR 62585]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 62	December 9, 1997	[62 FR 64736]
Revision	Vol. 63	December 4, 1998	[63 FR 66990]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 66	November 2, 2001	[66 FR 55577]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 7, 2006	[71 FR 17712]

Subpart P - [Reserved]

Subpart Q - "National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers"

The provisions of 40 CFR Part 63 Subpart Q, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart Q			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	September 8, 1994	[59 FR 46350]
Revision	Vol. 63	July 23, 1998	[63 FR 39519]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 71	April 7, 2006	[71 FR 17729]

Subpart R - "National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)"

The provisions of 40 CFR Part 63 Subpart R, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart R			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 14, 1994	[59 FR 64303]
Revision	Vol. 60	February 8, 1995	[60 FR 7627]
Revision	Vol. 60	June 26, 1995	[60 FR 32912]
Revision	Vol. 60	August 18, 1995	[60 FR 43244]
Revision	Vol. 60	December 8, 1995	[60 FR 62991]
Revision	Vol. 61	February 29, 1996	[61 FR 7718]
Revision	Vol. 62	February 28, 1997	[62 FR 9087]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]
Revision	Vol. 71	April 6, 2006	[71 FR 17352]

40 CFR Part 63 Subpart R			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart S - "National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry"

The provisions of 40 CFR Part 63 Subpart S, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	April 15, 1998	[63 FR 18504]
Revision	Vol. 63	August 7, 1998	[63 FR 42238]
Revision	Vol. 63	September 16, 1998	[63 FR 49455]
Revision	Vol. 63	December 28, 1998	[63 FR 71385]
Revision	Vol. 64	April 12, 1999	[64 FR 17555]
Revision	Vol. 65	December 22, 2000	[65 FR 80755]
Revision	Vol. 66	May 14, 2001	[66 FR 24268]
Revision	Vol. 66	October 16, 2001	[66 FR 52537]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 77	September 11, 2012	[77 FR 55698]

Subpart T - "National Emission Standards for Halogenated Solvent Cleaning"

The provisions of 40 CFR Part 63 Subpart T, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart T			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 2, 1994	[59 FR 61801]
Revision	Vol. 59	December 30, 1994	[59 FR 67750]
Revision	Vol. 60	June 5, 1995	[60 FR 29484]
Revision	Vol. 63	May 5, 1998	[63 FR 24749]
Revision	Vol. 63	December 11, 1998	[63 FR 68397]
Revision	Vol. 64	July 13, 1999	[64 FR 37683]
Revision	Vol. 64	August 19, 1999	[64 FR 45187]
Revision	Vol. 64	October 18, 1999	[64 FR 56173]
Revision	Vol. 64	December 3, 1999	[64 FR 67793]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 65	September 8, 2000	[65 FR 54419]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 72	May 3, 2007	[72 FR 25138]

Subpart U - "National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins"

The provisions of 40 CFR Part 63 Subpart U, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart U			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	September 5, 1996	[61 FR 46924]
Revision	Vol. 62	January 14, 1997	[62 FR 1837]
Revision	Vol. 62	March 17, 1997	[62 FR 12549]
Revision	Vol. 62	July 15, 1997	[62 FR 37722]
Revision	Vol. 64	March 9, 1999	[64 FR 11542]
Revision	Vol. 64	May 7, 1999	[64 FR 24511]
Revision	Vol. 64	June 30, 1999	[64 FR 35028]
Revision	Vol. 65	June 19, 2000	[65 FR 38030]
Revision	Vol. 66	July 16, 2001	[66 FR 36924]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Subpart V - [Reserved]

Subpart W - "National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-Nylon Polyamides Production"

The provisions of 40 CFR Part 63 Subpart W, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart W			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	March 8, 1995	[60 FR 12676]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart X - "National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting"

The provisions of 40 CFR Part 63 Subpart X, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	June 23, 1995	[60 FR 32587]

40 CFR Part 63 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 61	December 12, 1996	[61 FR 65334]
Revision	Vol. 62	June 13, 1997	[62 FR 32210]
Revision	Vol. 63	August 24, 1998	[63 FR 45007]
Revision	Vol. 64	January 29, 1999	[64 FR 4570]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 77	January 5, 2012	[77 FR 556]

Subpart Y - "National Emission Standards for Marine Tank Vessel Loading Operations"

The provisions of 40 CFR Part 63 Subpart Y, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart Y			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	September 19, 1995	[60 FR 48388]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Subpart Z - [Reserved]

Subpart AA - "National Emission Standards for Hazardous Air Pollutants from Phosphoric Acid Manufacturing Plants"

The provisions of 40 CFR Part 63 Subpart AA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart AA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 10, 1999	[64 FR 31376]
Revision	Vol. 66	December 17, 2001	[66 FR 65072]
Revision	Vol. 67	June 12, 2002	[67 FR 40578]
Revision	Vol. 67	June 13, 2002	[67 FR 40814]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart BB - "National Emission Standards for Hazardous Air Pollutants from Phosphate Fertilizer Production Plants"

The provisions of 40 CFR Part 63 Subpart BB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart BB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 10, 1999	[64 FR 31382]
Revision	Vol. 66	December 17, 2001	[66 FR 65072]
Revision	Vol. 67	June 13, 2002	[67 FR 40814]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart CC - "National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries"

The provisions of 40 CFR Part 63 Subpart CC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	August 18, 1995	[60 FR 43260]
Revision	Vol. 60	September 27, 1995	[60 FR 49976]
Revision	Vol. 61	February 23, 1996	[61 FR 7051]
Revision	Vol. 61	June 12, 1996	[61 FR 29878]
Revision	Vol. 61	June 28, 1996	[61 FR 33799]
Revision	Vol. 62	February 21, 1997	[62 FR 7938]
Revision	Vol. 63	March 20, 1998	[63 FR 13537]
Revision	Vol. 63	May 18, 1998	[63 FR 27212]
Revision	Vol. 63	June 9, 1998	[63 FR 31361]
Revision	Vol. 63	August 18, 1998	[63 FR 44140]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 65	July 6, 2000	[65 FR 41594]
Revision	Vol. 66	May 25, 2001	[66 FR 28840]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 74	October 28, 2009	[74 FR 55670]
Revision	Vol. 75	June 30, 2010	[75 FR 37730]
Revision	Vol. 76	July 18, 2011	[76 FR 42052]
Revision	Vol. 78	June 20, 2013	[78 FR 37133]

Subpart DD - "National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations"

The provisions of 40 CFR Part 63 Subpart DD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34140]
Revision	Vol. 64	July 20, 1999	[64 FR 38950]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart EE - "National Emission Standards for Magnetic Tape Manufacturing Operations"

The provisions of 40 CFR Part 63 Subpart EE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 15, 1994	[59 FR 64596]
Revision	Vol. 64	April 9, 1999	[64 FR 17464]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart FF - [Reserved]

Subpart GG - "National Emission Standards for Aerospace Manufacturing and Rework Facilities"

The provisions of 40 CFR Part 63 Subpart GG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	September 1, 1995	[60 FR 45956]
Revision	Vol. 61	February 9, 1996	[61 FR 4903]
Revision	Vol. 61	December 17, 1996	[61 FR 66227]
Revision	Vol. 63	March 27, 1998	[63 FR 15006]
Revision	Vol. 63	September 1, 1998	[63 FR 46526]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 8, 2000	[65 FR 76941]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart HH - "National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities"

The provisions of 40 CFR Part 63 Subpart HH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 17, 1999	[64 FR 32628]
Revisions	Vol. 66	June 29, 2001	[66 FR 34548]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 72	January 3, 2007	[72 FR 26]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 77	August 16, 2012	[77 FR 49490]

Subpart II - "National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)"

The provisions of 40 CFR Part 63 Subpart II, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart II			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 15, 1995	[60 FR 64330]
Revision	Vol. 61	June 18, 1996	[61 FR 30814]
Revision	Vol. 61	December 17, 1996	[61 FR 66226]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	December 29, 2006	[71 FR 78392]
Revision	Vol. 72	February 27, 2007	[72 FR 8630]
Revision	Vol. 76	November 21, 2011	[76 FR 72050]

Subpart JJ - "National Emission Standards for Wood Furniture Manufacturing Operations"

The provisions of 40 CFR Part 63 Subpart JJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 7, 1995	[60 FR 62930]
Revision	Vol. 62	June 3, 1997	[62 FR 30257]
Revision	Vol. 62	June 9, 1997	[62 FR 31361]
Revision	Vol. 63	December 28, 1998	[63 FR 71376]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 76	November 21, 2011	[76 FR 72050]

Subpart KK - "National Emission Standards for the Printing and Publishing Industry"

The provisions of 40 CFR Part 63 Subpart KK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart KK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	May 30, 1996	[61 FR 27132]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	May 24, 2006	[71 FR 29792]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Subpart LL - "National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants"

The provisions of 40 CFR Part 63 Subpart LL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	October 7, 1997	[62 FR 52407]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	November 2, 2005	[70 FR 66280]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart MM - "National Emission Standards for Hazardous Air Pollutants for Chemical Recovery Combustion Sources at Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mills"

The provisions of 40 CFR Part 63 Subpart MM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 66	January 12, 2001	[66 FR 3180]
Revision	Vol. 66	March 26, 2001	[66 FR 16400]
Revision	Vol. 66	July 19, 2001	[66 FR 37591]
Revision	Vol. 66	August 6, 2001	[66 FR 41086]
Revision	Vol. 68	February 18, 2003	[68 FR 7706]
Revision	Vol. 68	May 8, 2003	[68 FR 24653]
Revision	Vol. 68	July 18, 2003	[68 FR 42603]
Revision	Vol. 68	December 5, 2003	[68 FR 67953]
Revision	Vol. 69	May 6, 2004	[69 FR 25321]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart NN - [Reserved]

Subpart OO - "National Emission Standards for Tanks - Level 1"

The provisions of 40 CFR Part 63 Subpart OO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart OO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34184]
Revision	Vol. 64	July 20, 1999	[64 FR 38985]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart PP - "National Emission Standards for Containers"

The provisions of 40 CFR Part 63 Subpart PP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34186]
Revision	Vol. 64	July 20, 1999	[64 FR 38987]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart QQ - "National Emission Standards for Surface Impoundments"

The provisions of 40 CFR Part 63 Subpart QQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34190]
Revision	Vol. 64	July 20, 1999	[64 FR 38988]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart RR - "National Emission Standards for Individual Drain Systems"

The provisions of 40 CFR Part 63 Subpart RR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34193]
Revision	Vol. 64	July 20, 1999	[64 FR 38989]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]

40 CFR Part 63 Subpart RR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart SS - "National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process"

The provisions of 40 CFR Part 63 Subpart SS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart TT - "National Emission Standards for Equipment Leaks - Control Level 1"

The provisions of 40 CFR Part 63 Subpart TT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 348 54]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]

Subpart UU - "National Emission Standards for Equipment Leaks - Control Level 2 Standards"

The provisions of 40 CFR Part 63 Subpart UU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]

Subpart VV - "National Emission Standards for Oil-Water Separators and Organic-Water Separators"

The provisions of 40 CFR Part 63 Subpart VV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart VV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34195]
Revision	Vol. 64	July 20, 1999	[64 FR 38991]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart WW - "National Emission Standards for Storage Vessels (Tanks) - Control Level 2"

The provisions of 40 CFR Part 63 Subpart WW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol.67	July 12, 2002	[67 FR 46258]

Subpart XX - "National Emission Standards for Ethylene Manufacturing Process Units: Heat Exchange Systems and Waste Operations"

The provisions of 40 CFR Part 63 Subpart XX, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart XX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	July 12, 2002	[67 FR 46258]
Revision	Vol. 70	April 13, 2005	[70 FR 19266]

Subpart YY - "National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards"

The provisions of 40 CFR Part 63 Subpart YY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63695]
Revision	Vol. 64	December 22, 1999	[64 FR 71852]
Revision	Vol. 66	November 2, 2001	[66 FR 55844]
Revision	Vol. 67	June 7, 2002	[67 FR 39301]
Revision	Vol. 67	July 12, 2002	[67 FR 46258, 46289]
Revision	Vol. 68	February 10, 2003	[68 FR 6635]

40 CFR Part 63 Subpart YY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 70	April 13, 2005	[70 FR 19266]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 72	June 29, 2007	[72 FR 35663]

Subpart ZZ - [Reserved]

Subpart AAA - [Reserved]

Subpart BBB - [Reserved]

Subpart CCC - "National Emission Standards for Hazardous Air Pollutants for Steel Pickling-HCI Process Facilities and Hydrochloric Acid Regeneration Plants"

The provisions of 40 CFR Part 63 Subpart CCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 22, 1999	[64 FR 33218]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 77	September 19, 2012	[77 FR 58220]

Subpart DDD - "National Emission Standards for Hazardous Air Pollutants for Mineral Wood Production"

The provisions of 40 CFR Part 63 Subpart DDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 1, 1999	[64 FR 29503]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 76	December 1, 2011	[76 FR 74708]

Subpart EEE - "National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors"

The provisions of 40 CFR Part 63 Subpart EEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEE			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 63 Subpart EEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	June 19, 1998	[63 FR 33820]
Revision	Vol. 64	September, 30, 1999	[64 FR 52828]
Revision	Vol. 64	November 19, 1999	[64 FR 63209]
Revision	Vol. 65	July 10, 2000	[65 FR 42292]
Revision	Vol. 65	November 9, 2000	[65 FR 67268]
Revision	Vol. 66	May 14, 2001	[66 FR 24270]
Revision	Vol. 66	July 3, 2001	[66 FR 35087]
Revision	Vol. 66	October 15, 2001	[66 FR 52361]
Revision	Vol. 66	December 6, 2001	[66 FR 63313]
Revision	Vol. 67	February 13, 2002	[67 FR 6792]
Revision	Vol. 67	February 14, 2002	[67 FR 6968]
Revision	Vol. 67	December 19, 2002	[67 FR 77687]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 70	June 14, 2005	[70 FR 34538]
Revision	Vol. 70	October 12, 2005	[70 FR 59402]
Revision	Vol. 70	December 19, 2005	[70 FR 75042]
Revision	Vol. 71	March 23, 2006	[71 FR 14655]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	October 25, 2006	[71 FR 62388]
Revision	Vol. 73	April 8, 2008	[73 FR 18970]
Revision	Vol. 73	October 28, 2008	[73 FR 64068]

Subpart FFF - [Reserved]

Subpart GGG - "National Emission Standards for Pharmaceuticals Production"

The provisions of 40 CFR Part 63 Subpart GGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	September 21, 1998	[63 FR 50280]
Revision	Vol. 65	August 29, 2000	[65 FR 52588]
Revision	Vol. 66	August 2, 2001	[66 FR 40121]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	May 13, 2005	[70 FR 25671]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Subpart HHH - "National Emission Standards for Hazardous Air Pollutants from Natural Gas Transmission and Storage Facilities"

The provisions of 40 CFR Part 63 Subpart HHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 17, 1999	[64 FR 32647]
Revision	Vol. 66	June 29, 2001	[66 FR 34548]
Revision	Vol. 66	September 27, 2001	[66 FR 49299]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 77	August 16, 2012	[77 FR 49490]

Subpart III - "National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production"

The provisions of 40 CFR Part 63 Subpart III, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart III			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	October 7, 1998	[63 FR 53996]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Subpart JJJ - "National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins"

The provisions of 40 CFR Part 63 Subpart JJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	September 12, 1996	[61 FR 48208]
Revision	Vol. 61	October 18, 1996	[61 FR 54342]
Revision	Vol. 62	January 14, 1997	[62 FR 1835]
Revision	Vol. 62	June 6, 1997	[62 FR 30993]
Revision	Vol. 62	July 15, 1997	[62 FR 37720]
Revision	Vol. 63	February 27, 1998	[63 FR 9944]
Revision	Vol. 63	March 31, 1998	[63 FR 15312]
Revision	Vol. 64	March 9, 1999	[64 FR 11536]
Revision	Vol. 64	June 8, 1999	[64 FR 30406]
Revision	Vol. 64	June 30, 1999	[64 FR 35023]
Revision	Vol. 65	June 19, 2000	[65 FR 38030]
Revision	Vol. 65	August 29, 2000	[65 FR 52319]

40 CFR Part 63 Subpart JJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 65	October 26, 2000	[65 FR 64161]
Revision	Vol. 66	February 23, 2001	[66 FR 11233]
Revision	Vol. 66	February 26, 2001	[66 FR 11543]
Revision	Vol. 66	July 16, 2001	[66 FR 36924]
Revision	Vol. 66	August 6, 2001	[66 FR 40903]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	June 2, 2004	[69 FR 31008]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart KKK - [Reserved]

Subpart LLL - "National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry"

The provisions of 40 CFR Part 63 Subpart LLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 14, 1999	[64 FR 31898]
Revision	Vol. 64	September 30, 1999	[64 FR 52828]
Revision	Vol. 67	April 5, 2002	[67 FR 16614]
Revision	Vol. 67	December 6, 2002	[67 FR 72580]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	December 20, 2006	[71 FR 76518]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 76	January 18, 2011	[76 FR 2832]
Revision	Vol. 78	February 12, 2013	[78 FR 10006]

Subpart MMM - "National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production"

The provisions of 40 CFR Part 63 Subpart MMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 23, 1999	[64 FR 33550]
Revision	Vol. 66	November 21, 2001	[66 FR 58393, 58396]
Revision	Vol. 67	March 22, 2002	[67 FR 13508, 13514]
Revision	Vol. 67	May 1, 2002	[67 FR 21579]
Revision	Vol. 67	June 3, 2002	[67 FR 38200]

40 CFR Part 63 Subpart MMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 67	September 20, 2002	[67 FR 59336]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart NNN - "National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing"

The provisions of 40 CFR Part 63 Subpart NNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 14, 1999	[64 FR 31695]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart OOO - "National Emission Standards for Hazardous Air Pollutant Emissions: Manufacture of Amino/Phenolic Resins"

The provisions of 40 CFR Part 63 Subpart OOO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart OOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	January 20, 2000	[65 FR 3276]
Revision	Vol. 65	February 22, 2000	[65 FR 8768]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart PPP - "National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production"

The provisions of 40 CFR Part 63 Subpart PPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 1, 1999	[64 FR 29420]
Revision	Vol. 64	June 14, 1999	[64 FR 31895]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	July 1, 2004	[69 FR 39862]

40 CFR Part 63 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart QQQ - "National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting"

The provisions of 40 CFR Part 63 Subpart QQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	June 12, 2002	[67 FR 40478]
Revision	Vol. 70	July 14, 2005	[70 FR 40672]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart RRR - "National Emission Standards for Hazardous Air Pollutant for Secondary Aluminum Production"

The provisions of 40 CFR Part 63 Subpart RRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	March 23, 2000	[65 FR 15690]
Revision	Vol. 67	June 14, 2002	[67 FR 41118]
Revision	Vol. 67	August 13, 2002	[67 FR 52616]
Revision	Vol. 67	September 24, 2002	[67 FR 59787]
Revision	Vol. 67	November 8, 2002	[67 FR 68038]
Revision	Vol. 67	December 30, 2002	[67 FR 79808]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	September 3, 2004	[69 FR 53980]
Revision	Vol. 70	October 3, 2005	[70 FR 57513]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart SSS - [Reserved]

Subpart TTT - "National Emission Standards for Hazardous Air Pollutants for Primary Lead Smelting"

The provisions of 40 CFR Part 63 Subpart TTT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TTT

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 64	June 4, 1999	[64 FR 30204]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 76	November 15, 2011	[76 FR 70834]

Subpart UUU - "National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic Reforming Units, and Sulfur Recovery Units"

The provisions of 40 CFR Part 63 Subpart UUU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	April 11, 2002	[67 FR 17762]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 70	February 9, 2005	[70 FR 6930]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart VVV - "National Emission Standards for Hazardous Air Pollutants: Publicly Owned Treatment Works"

The provisions of 40 CFR Part 63 Subpart VVV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart VVV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	October 26, 1999	[64 FR 57572]
Revision	Vol. 66	March 23, 2001	[66 FR 16140]
Revision	Vol. 67	October 10, 2002	[67 FR 64742]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart WWW - [Reserved]

Subpart XXX - "National Emission Standards for Hazardous Air Pollutants for Ferroalloys Production: Ferromanganese and Silicomanganese"

The provisions of 40 CFR Part 63 Subpart XXX, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart XXX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	May 20, 1999	[64 FR 27458]

40 CFR Part 63 Subpart XXX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 66	March 22, 2001	[66 FR 16007]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart YYY - [Reserved]

Subpart ZZZ - [Reserved]

Subpart AAAA - "National Emission Standards for Hazardous Air Pollutants: Municipal Solid Waste Landfills"

The provisions of 40 CFR Part 63 Subpart AAAA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart AAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	January 16, 2003	[68 FR 2227]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart BBBB - [Reserved]

Subpart CCCC - "National Emission Standards for Hazardous Air Pollutants: Manufacturing of Nutritional Yeast"

The provisions of 40 CFR Part 63 Subpart CCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 66	May 21, 2001	[66 FR 27876]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart DDDD - "National Emission Standards for Hazardous Air Pollutants: Plywood and Composite Wood Products"

The provisions of 40 CFR Part 63 Subpart DDDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	July 30, 2004	[69 FR 45944]
Revision	Vol. 71	February 16, 2006	[71 FR 8347]
Revision	Vol. 72	October 29, 2007	[72 FR 61060]

Subpart EEEE - "National Emission Standards for Hazardous Air Pollutants: Organic Liquids Distribution (Non-Gasoline)"

The provisions of 40 CFR Part 63 Subpart EEEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	February 3, 2004	[69 FR 5038]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 28, 2006	[71 FR 42898]
Revision	Vol. 73	April 23, 2008	[73 FR 21825]
Revision	Vol. 72	July 17, 2008	[73 FR 40977]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart FFFF - "National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing"

The provisions of 40 CFR Part 63 Subpart FFFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart FFFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	November 10, 2003	[68 FR 63852]
Revision	Vol. 70	July 1, 2005	[70 FR 38554]
Revision	Vol. 70	August 30, 2005	[70 FR 51269]
Revision	Vol. 71	March 1, 2006	[71 FR 10439]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 14, 2006	[71 FR 40316]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart GGGG - "National Emission Standards for Hazardous Air Pollutants: Solvent Extraction for Vegetable Oil Production"

The provisions of 40 CFR Part 63 Subpart GGGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 66	April 12, 2001	[66 FR 19006]
Revision	Vol. 67	April 5, 2002	[67 FR 16317]
Revision	Vol. 69	September 1, 2004	[69 FR 53338]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart HHHH - "National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production"

The provisions of 40 CFR Part 63 Subpart HHHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	April 11, 2002	[67 FR 17824]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart IIII - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Automobiles and Light-Duty Trucks"

The provisions of 40 CFR Part 63 Subpart IIII, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart IIII			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 22, 2006	[71 FR 76922]
Revision	Vol. 72	April 24, 2007	[72 FR 20227]

Subpart JJJJ - "National Emission Standards for Hazardous Air Pollutants: Paper and Other Web Coating"

The provisions of 40 CFR Part 63 Subpart JJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	December 4, 2002	[67 FR 72330]
Revision	Vol. 71	May 24, 2006	[71 FR 29792]

Subpart KKKK - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Cans"

The provisions of 40 CFR Part 63 Subpart KKKK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart KKKK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	November 12, 2003	[68 FR 64432]

40 CFR Part 63 Subpart KKKK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 71	January 6, 2006	[71 FR 1378]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart LLLL - [Reserved]

Subpart MMMM - "National Emission Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products"

The provisions of 40 CFR Part 63 Subpart MMMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	January 2, 2004	[69 FR 130]
Revision	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 22, 2006	[71 FR 76922]

Subpart NNNN - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Large Appliances"

The provisions of 40 CFR Part 63 Subpart NNNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	July 23, 2002	[67 FR 48254]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart OOOO - "National Emission Standards for Hazardous Air Pollutants: Printing, Coating, and Dyeing of Fabrics and Other Textiles"

The provisions of 40 CFR Part 63 Subpart OOOO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart OOOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 29, 2003	[68 FR 32172]
Revision	Vol. 69	August 4, 2004	[69 FR 47001]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	May 24, 2006	[71 FR 29792]

Subpart PPPP - "National Emission Standards for Hazardous Air Pollutants for Surface Coating of Plastic Parts and Products"

The provisions of 40 CFR Part 63 Subpart PPPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	April 19, 2004	[69 FR 20968]
Revision	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 22, 2006	[71 FR 76922]
Revision	Vol. 72	April 24, 2007	[72 FR 20227]

Subpart QQQQ - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Wood Building Products"

The provisions of 40 CFR Part 63 Subpart QQQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 28, 2003	[68 FR 31746]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart RRRR - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Furniture"

The provisions of 40 CFR Part 63 Subpart RRRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 23, 2003	[68 FR 28606]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart SSSS - "National Emission Standards for Hazardous Air Pollutants: Surface Coating of Metal Coil"

The provisions of 40 CFR Part 63 Subpart SSSS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SSSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	June 10, 2002	[67 FR 39794]

40 CFR Part 63 Subpart SSSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 68	March 17, 2003	[68 FR 12590]

Subpart TTTT - "National Emission Standards for Hazardous Air Pollutants for Leather Finishing Operations"

The provisions of 40 CFR Part 63 Subpart TTTT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TTTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	February 27, 2002	[67 FR 9156]
Revision	Vol. 70	February 7, 2005	[70 FR 6355]

Subpart UUUU - "National Emission Standards for Hazardous Air Pollutants for Cellulose Products Manufacturing"

The provisions of 40 CFR Part 63 Subpart UUUU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UUUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	June 11, 2002	[67 FR 40044]
Revision	Vol. 70	June 24, 2005	[70 FR 36523]
Revision	Vol. 70	August 10, 2005	[70 FR 46684]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart VVVV - "National Emission Standards for Hazardous Air Pollutants for Boat Manufacturing"

The provisions of 40 CFR Part 63 Subpart VVVV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart VVVV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 66	August 22, 2001	[66 FR 44218]
Revision	Vol. 66	October 3, 2001	[66 FR 50504]

Subpart WWWW - "National Emissions Standards for Hazardous Air Pollutants: Reinforced Plastic Composites Production"

The provisions of 40 CFR Part 63 Subpart WWWW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WWWW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 21, 2003	[68 FR 19375]
Revision	Vol. 70	August 25, 2005	[70 FR 50118]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart XXXX - "National Emission Standards for Hazardous Air Pollutants: Rubber Tire Manufacturing"

The provisions of 40 CFR Part 63 Subpart XXXX, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart XXXX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	July 9, 2002	[67 FR 45588]
Revision	Vol. 68	March 12, 2003	[68 FR 11745]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart YYYY - "National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines"

The provisions of 40 CFR Part 63 Subpart YYYY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YYYY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	March 5, 2004	[69 FR 10512]
Revision	Vol. 69	August 18, 2004	[69 FR 51184]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart ZZZZ - "National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines"

The provisions of 40 CFR Part 63 Subpart ZZZZ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart ZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	June 15, 2004	[69 FR 33474]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]

40 CFR Part 63 Subpart ZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 75	March 3, 2010	[75 FR 9648]
Revision	Vol. 75	June 30, 2010	[75 FR 37732]
Revision	Vol. 75	August 20, 2010	[75 FR 51570]
Revision	Vol. 76	March 9, 2011	[76 FR 12863]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]
Revision	Vol. 78	March 6, 2013	[78 FR 14457]

Subpart AAAAA - "National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants"

The provisions of 40 CFR Part 63 Subpart AAAAA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart AAAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	January 5, 2004	[69 FR 394]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart BBBBB - "National Emission Standards for Hazardous Air Pollutants for Semiconductor Manufacturing"

The provisions of 40 CFR Part 63 Subpart BBBBB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart BBBBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 22, 2003	[68 FR 27913]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	July 22, 2008	[73 FR 42529]

Subpart CCCCC - "National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stacks"

The provisions of 40 CFR Part 63 Subpart CCCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 14, 2003	[68 FR 18008]
Revision	Vol. 69	October 13, 2004	[69 FR 60813]
Revision	Vol. 70	January 10, 2005	[70 FR 1670]
Revision	Vol. 70	August 2, 2005	[70 FR 44285]

40 CFR Part 63 Subpart CCCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart DDDDD - [Reserved]

Subpart EEEEE - "National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries"

The provisions of 40 CFR Part 63 Subpart EEEEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	April 22, 2004	[69 FR 21906]
Revision	Vol. 70	May 20, 2005	[70 FR 29400]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	February 7, 2008	[73 FR 7210]

Subpart FFFFF - "National Emission Standards for Hazardous Air Pollutants for Integrated Iron and Steel Manufacturing Facilities"

The provisions of 40 CFR Part 63 Subpart FFFFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart FFFFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 20, 2003	[68 FR 27646]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 13, 2006	[71 FR 39579]

Subpart GGGGG - "National Emission Standards for Hazardous Air Pollutants: Site Remediation"

The provisions of 40 CFR Part 63 Subpart GGGGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGGGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	October 8, 2003	[68 FR 58172]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	November 29, 2006	[71 FR 69011]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart HHHHH - "National Emission Standards for Hazardous Air Pollutants: Miscellaneous Coating Manufacturing"

The provisions of 40 CFR Part 63 Subpart HHHHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	December 11, 2003	[68 FR 69164]
Revision	Vol. 68	December 29, 2003	[68 FR 75033]
Revision	Vol. 70	May 13, 2005	[70 FR 25676]
Revision	Vol. 70	July 6, 2005	[70 FR 38780]
Revision	Vol. 70	December 21, 2005	[70 FR 75924]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	October 4, 2006	[71 FR 58499]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Subpart IIIII - "National Emission Standards for Hazardous Air Pollutants: Mercury Emissions from Mercury Cell Chlor-Alkali Plants"

The provisions of 40 CFR Part 63 Subpart IIIII, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart IIIII			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	December 19, 2003	[68 FR 70904]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart JJJJJ - [Reserved]

Subpart KKKKK - [Reserved]

Subpart LLLLL - "National Emission Standards for Hazardous Air Pollutants: Asphalt Processing and Asphalt Roofing Manufacturing"

The provisions of 40 CFR Part 63 Subpart LLLLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LLLLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 29, 2003	[68 FR 22976]
Revision	Vol. 68	May 7, 2003	[68 FR 24562]
Revision	Vol. 70	May 17, 2005	[70 FR 28360]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart MMMMM - "National Emission Standards for Hazardous Air Pollutants: Flexible Polyurethane Foam Fabrication Operations"

The provisions of 40 CFR Part 63 Subpart MMMMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMMMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 14, 2003	[68 FR 18062]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart NNNNN - "National Emission Standards for Hazardous Air Pollutants: Hydrochloric Acid Production"

The provisions of 40 CFR Part 63 Subpart NNNNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNNNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 17, 2003	[68 FR 19076]
Revision	Vol. 71	April 7, 2006	[71 FR 17738]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart OOOOO - [Reserved]

Subpart PPPPP - "National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands"

The provisions of 40 CFR Part 63 Subpart PPPPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 27, 2003	[68 FR 28774]
Revision	Vol. 68	August 28, 2003	[68 FR 51830]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart QQQQQ - "National Emission Standards for Hazardous Air Pollutants for Friction Materials Manufacturing Facilities"

The provisions of 40 CFR Part 63 Subpart QQQQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQQQQ

Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 67	October 18, 2002	[67 FR 64498]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart RRRRR - "National Emission Standards for Hazardous Air Pollutants: Taconite Iron Ore Processing"

The provisions of 40 CFR Part 63 Subpart RRRRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRRRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	October 30, 2003	[68 FR 61868]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart SSSSS - "National Emission Standards for Hazardous Air Pollutants for Refractory Products Manufacturing"

The provisions of 40 CFR Part 63 Subpart SSSSS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SSSSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	April 16, 2003	[68 FR 18730]
Revision	Vol. 71	February 13, 2006	[71 FR 7415]
Revision	Vol. 71	April 14, 2006	[71 FR 19435]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart TTTTT - "National Emissions Standards for Hazardous Air Pollutants for Primary Magnesium Refining"

The provisions of 40 CFR Part 63 Subpart TTTTT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TTTTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	October 10, 2003	[68 FR 58615]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Subpart UUUUU - "National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units"

The provisions of 40 CFR Part 63 Subpart UUUUU, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UUUUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 19, 2012	[77 FR 23399]
Revision	Vol. 77	August 2, 2012	[77 FR 45967]
Revision	Vol. 78	April 24, 2013	[78 FR 24073]

Subpart VVVVV - [Reserved]

Subpart WWWWW - "National Emission Standards for Hospital Ethylene Oxide Sterilizers"

The provisions of 40 CFR Part 63 Subpart WWWWW, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WWWWW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 28, 2007	[72 FR 73611]

Subpart XXXXX - [Reserved]

Subpart YYYYY - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities"

The provisions of 40 CFR Part 63 Subpart YYYYY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YYYYY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 28, 2007	[72 FR 74088]
Revision	Vol. 73	December 1, 2008	[73 FR 72727]
Revision	Vol. 74	February 26, 2009	[74 FR 8756]

Subpart *ZZZZZ* - "National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries Area Sources"

The provisions of 40 CFR Part 63 Subpart ZZZZZ, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart *ZZZZZ*			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 2, 2008	[73 FR 226]

Subpart AAAAAA - [Reserved]

Subpart BBBBBB - "National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities"

The provisions of 40 CFR Part 63 Subpart BBBBBB, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart BBBBBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 10, 2008	[73 FR 1916]
Revision	Vol. 73	March 7, 2008	[73 FR 12275]
Revision	Vol. 76	January 24, 2011	[76 FR 4156]

Subpart CCCCCC - "National Emission Standards For Hazardous Air Pollutants For Source Category: Gasoline Dispensing Facilities"

The provisions of 40 CFR Part 63 Subpart CCCCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCCCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 10, 2008	[73 FR 1916]
Revision	Vol. 73	March 7, 2008	[73 FR 12275]
Revision	Vol. 73	June 25, 2008	[73 FR 35939]
Revision	Vol. 76	January 24, 2011	[76 FR 4156]

Subpart DDDDDD - "National Emission Standards for Hazardous Air Pollutants for Polyvinyl Chloride and Copolymers Production Area Sources"

The provisions of 40 CFR Part 63 Subpart DDDDDD, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DDDDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 77	April 17, 2012	[77 FR 22848]

Subpart EEEEEE - "National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources"

The provisions of 40 CFR Part 63 Subpart EEEEEE, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 3, 2007	[72 FR 36363]

Subpart FFFFFF - "National Emission Standards for Hazardous Air Pollutants for Secondary Copper Smelting Area Sources"

The provisions of 40 CFR Part 63 Subpart FFFFFF, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart FFFFFF			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 3, 2007	[72 FR 36363]

Subpart GGGGGG - "National Emission Standards for Hazardous Air Pollutants for Primary Nonferrous Metals Area Sources—Zinc, Cadmium, and Beryllium"

The provisions of 40 CFR Part 63 Subpart GGGGGG, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGGGGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]

Subpart HHHHHH - "National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources"

The provisions of 40 CFR Part 63 Subpart HHHHHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 9, 2008	[73 FR 1738]
Revision	Vol. 73	February 13, 2008	[73 FR 8408]

Subpart IIIIII - [Reserved]

Subpart JJJJJJ - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers"

The provisions of 40 CFR Part 63 Subpart JJJJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	September 13, 2004	[69 FR 55217]
Revision	Vol. 70	December 28, 2005	[70 FR 76918]
Revision	Vol. 71	December 6, 2006	[71 FR 70651]
Revision	Vol. 76	March 21, 2011	[76 FR 15554]
Revision	Vol. 76	March 21, 2011	[76 FR 15608]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]

40 CFR Part 63 Subpart JJJJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 78	January 31, 2013	[78 FR 7138]
Revision	Vol. 78	February 1, 2013	[78 FR 7488]

Subpart KKKKKK - [Reserved]

Subpart LLLLLL - "National Emission Standards for Hazardous Air Pollutants for Acrylic and Modacrylic Fibers Production Area Sources"

The provisions of 40 CFR Part 63 Subpart LLLLLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LLLLLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart MMMMMM - "National Emission Standards for Hazardous Air Pollutants for Carbon Black Production Area Sources"

The provisions of 40 CFR Part 63 Subpart MMMMMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMMMMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart NNNNNN - "National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources: Chromium Compounds"

The provisions of 40 CFR Part 63 Subpart NNNNNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNNNNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart OOOOOO - "National Emission Standards for Hazardous Air Pollutants for Flexible Polyurethane Foam Production and Fabrication Area Sources"

The provisions of 40 CFR Part 63 Subpart OOOOOO, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart OOOOOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart PPPPPP - "National Emission Standards for Hazardous Air Pollutants for Lead Acid Battery Manufacturing Area Sources"

The provisions of 40 CFR Part 63 Subpart PPPPPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPPPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart QQQQQQ - "National Emission Standards for Hazardous Air Pollutants for Wood Preserving Area Sources"

The provisions of 40 CFR Part 63 Subpart QQQQQQ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart QQQQQQ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 73	March 26, 2008	[73 FR 15923]

Subpart RRRRRR - "National Emission Standards for Hazardous Air Pollutants for Clay Ceramics Manufacturing Area Sources"

The provisions of 40 CFR Part 63 Subpart RRRRRR, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRRRRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 26, 2007	[72 FR 73180]

Subpart SSSSSS - "National Emission Standards for Hazardous Air Pollutants for Glass Manufacturing Area Sources"

The provisions of 40 CFR Part 63 Subpart SSSSSS, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SSSSSS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 26, 2007	[72 FR 73180]

Subpart TTTTTT - "National Emission Standards for Hazardous Air Pollutants for Secondary Nonferrous Metals Processing Area Sources"

The provisions of 40 CFR Part 63 Subpart TTTTTT, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TTTTTT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 26, 2007	[72 FR 73180]

Subpart UUUUUU - [Reserved]

Subpart VVVVVV - "National Emission Standards for Hazardous Air Pollutants for Chemical Manufacturing Area Sources"

The provisions of 40 CFR Part 63 Subpart VVVVVV, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart VVVVVV			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	October 29, 2009	[74 FR 56008]
Revision	Vol. 75	December 14, 2010	[75 FR 77760]
Revision	Vol. 76	March 14, 2011	[76 FR 13514]
Revision	Vol. 77	December 21, 2012	[77 FR 75740]

Subpart WWWWWW - "National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations"

The provisions of 40 CFR Part 63 Subpart WWWWWW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WWWWWW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	July 1, 2008	[73 FR 37728]
Revision	Vol. 76	June 20, 2011	[76 FR 35744]
Revision	Vol. 76	September 19, 2011	[76 FR 57913]

Subpart XXXXXX - "National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories"

The provisions of 40 CFR Part 63 Subpart XXXXXX, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart XXXXXX			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	July 23, 2008	[73 FR 42978]

Subpart YYYYYY - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Ferroalloys Production Facilities"

The provisions of 40 CFR Part 63 Subpart YYYYYY, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YYYYYY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	December 23, 2008	[73 FR 78637]

Subpart ZZZZZZ - "National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Aluminum, Copper, and Other Nonferrous Foundries"

The provisions of 40 CFR Part 63 Subpart ZZZZZZ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart ZZZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	June 25, 2009	[74 FR 30366]
Revision	Vol. 74	September 10, 2009	[74 FR 46493]

Subpart AAAAAAA - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing"

The provisions of 40 CFR Part 63 Subpart AAAAAAA, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart AAAAAAA			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	December 2, 2009	[74 FR 63236]
Revision	Vol. 75	March 18, 2010	[75 FR 12988]

Subpart BBBBBBB - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Chemical Preparations Industry"

The provisions of 40 CFR Part 63 Subpart BBBBBBB, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart BBBBBBB			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	December 30, 2009	[74 FR 69194]

Subpart CCCCCCC - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Paints and Allied Products Manufacturing"

The provisions of 40 CFR Part 63 Subpart CCCCCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CCCCCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 74	December 3, 2009	[74 FR 63504]
Revision	Vol. 75	March 5, 2010	[75 FR 10184]
Revision	Vol. 75	June 3, 2010	[75 FR 31317]

Subpart DDDDDDD - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Prepared Feeds Manufacturing"

The provisions of 40 CFR Part 63 Subpart DDDDDDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DDDDDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 75	January 5, 2010	[75 FR 522]
Revision	Vol. 75	July 20, 2010	[75 FR 41991]
Revision	Vol. 76	December 23, 2011	[76 FR 80261]

Subpart EEEEEEE - "National Emission Standards for Hazardous Air Pollutants: Gold Mine Ore Processing and Production Area Source Category"

The provisions of 40 CFR Part 63 Subpart EEEEEEE, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 76	February 17, 2011	[76 FR 9450]

Subpart FFFFFFF - [Reserved]

Subpart GGGGGGG - [Reserved]

Subpart HHHHHHH - "National Emission Standards for Hazardous Air Pollutant Emissions for Polyvinyl Chloride and Copolymers Production"

The provisions of 40 CFR Part 63 Subpart HHHHHHH, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHHHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**

40 CFR Part 63 Subpart HHHHHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	April 17, 2012	[77 FR 22848]

R. 61-62.63 History - *South Carolina State Register*:

Vol. 22, Issue 6, (Doc. No. 2311), June 26, 1998;
Vol. 24, Issue 5, (Doc. No. 2506), May 26, 2000;
Vol. 25, Issue No. 10, (Doc. No. 2648), October 26, 2001;
Vol. 26, Issue No. 8, (Doc. No. 2736), August 23, 2002;
Vol. 27, Issue No. 6, (Doc. No. 2840), June 27, 2003;
Vol. 28, Issue No. 9, (Doc. No. 2913), September 24, 2004;
Vol. 29, Issue No. 8, (Doc. No. 2980), August 26, 2005;
Vol. 30, Issue No. 9, (Doc. No. 3066), September 22, 2006;
Vol. 31, Issue No. 12, (Doc. No. 3153), December 28, 2007;
Vol. 32, Issue No. 10, (Doc. No. 3224), October 24, 2008;
Vol. 33, Issue No. 10, (Doc. No. 4082), October 23, 2009;
Vol. 34, Issue No. 5, (Doc. No. 4070), May 28, 2010;
Vol. 34, Issue No. 11, (Doc. No. 4131), November 26, 2010;
Vol. 36, Issue No. 4, (Doc. No. 4280), April 27, 2012;
Vol. 37, Issue No. 4, (Errata), April 26, 2013;
Vol. 37, Issue No. 5, (Errata), May 24, 2013;
Vol. 37, Issue No. 12, (Doc. No. 4387), December 27, 2013;
Vol. 38, Issue No. 6, (Doc. No. 4388), June 27, 2014;
Vol. 38, Issue No. 8, (Errata), August 22, 2014;
Vol. 38, Issue No. 9, (Doc. No. 4465), September 26, 2014.

Appendix 3

Notice of Drafting in the March 28, 2014,
South Carolina State Register
And
Notice of Proposed Regulation in the June 27, 2014,
South Carolina State Register

CLEMSON UNIVERSITY
STATE CROP PEST COMMISSION

CHAPTER 27

Statutory Authority: 1976 Code Sections 46-9-40 and 46-9-50

Notice of Drafting:

The State Crop Pest Commission is considering the implementation of new regulations which govern, to the extent authorized by the S.C. Code, Title 46, Chapter 9, designation, monitoring and control of plant pests in South Carolina.

Interested parties should submit written comments to Dr. Stephen E. Cole, Interim Director, Regulatory Services, Clemson University, 511 Westinghouse Road, Pendleton, SC 29670. To be considered, comments should be received no later than April 30, 2014, the close of the drafting comment period.

Synopsis:

The proposed amendments will, update, clarify and increase the efficiency of the process for designating plant pests in South Carolina.

These proposed regulations will require legislative action.

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

CHAPTER 61

Statutory Authority: 1976 Code Sections 48-1-10 et seq.

Notice of Drafting:

The Department of Health and Environmental Control (Department) is proposing to amend Regulation 61-62, Air Pollution Control Regulations and Standards, and the South Carolina Air Quality Implementation Plan (State Implementation Plan or SIP). Interested persons are invited to present their views concerning these amendments in writing to Michael C. Monroe, Air Regulation and SIP Management Section, Bureau of Air Quality, 2600 Bull Street, Columbia, SC 29201, or via electronic mail at monroemc@dhec.sc.gov. To be considered, the Department must receive comments by 5:00 p.m. on April 28, 2014, the close of the drafting comment period.

Synopsis:

The United States Environmental Protection Agency (EPA) promulgates amendments to 40 CFR Parts 50, 51, 52, 60 and 63 throughout each calendar year. Recent federal amendments include clarification, guidance and technical amendments regarding state implementation plan (SIP) requirements, New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories.

The Department proposes to amend Regulation 61-62.1, Definitions and General Requirements, to incorporate amendments to the definition of Volatile Organic Compounds (VOCs) in 40 C.F.R. 51.

The Department also proposes to amend Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, to incorporate the EPA's revision to the National Ambient Air Quality Standards for Fine Particulate Matter ($PM_{2.5}$), Sulfur Dioxide (SO_2), and Nitrogen Dioxide (NO_2). 40 C. F. R. 50. Additionally, the Department proposes to amend Regulations 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards, and 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP)

for Source Categories, to incorporate by reference recent federal amendments promulgated from January 1 through December 31, 2013.

The Department may also propose other changes to Regulation 61-62 that may include corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary.

In accordance with 1976 Code Section 1-23-120(H), legislative review is not required because the Department proposes promulgating the amendments to maintain compliance with federal law.

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

CHAPTER 61

Statutory Authority: 1976 Code Sections 44-61-30 and 44-78-65

Notice of Drafting:

The South Carolina Department of Health and Environmental Control (Department) proposes to amend S.C. Regulation 61-7, *Emergency Medical Services*. Interested persons are invited to submit their views and recommendations in writing to Robert Wronski, EMS Director, DHEC Division of EMS and Trauma, 2600 Bull Street, Columbia, South Carolina 29201, or by email at wronskra@dhec.sc.gov. To be considered, written comments must be received no later than 5:00 p.m. on April 28, 2014, the close of the drafting comment period.

Synopsis:

The Department proposes to amend R.61-7 to incorporate changes in the state Emergency Medical Services Act, S.C. Code Ann. § 44-61-10 et. seq. (Supp. 2012). Specifically, the amendments will incorporate updated statutory requirements for EMT certification and training; eliminate the vehicle equipment list; modify the ground ambulance requirement to reflect the latest standards; change the air ambulance requirements to reflect the latest statutory amendments; include additional certified personnel into the regulation; and modify names of certain response agencies.

The Department may also include stylistic changes, which may include corrections for clarity and readability, grammar, punctuation, definitions, references, codification and overall improvement of the text of the regulation.

Legislative review will be required.

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

CHAPTER 61

Statutory Authority: 1976 Code Sections 44-7-110 through 44-7-394 and 44-41-10(d)

Notice of Drafting:

The Department of Health and Environmental Control proposes to amend Regulation 61-16, *Minimum Standards for Licensing Hospitals and Institutional General Infirmaries.* Interested persons may submit written comments to Gwen C. Thompson, Bureau Chief, Bureau of Health Facilities Licensing, South Carolina Department of Health and Environmental Control, 2600 Bull Street, Columbia, South Carolina 29201. To be considered, all comments must be received no later than 5:00 p.m., April 28, 2014, the close of the comment period.

Document No. 4465
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
CHAPTER 61
Statutory Authority: 1976 Code Sections 48-1-10 et seq.

61-62. Air Pollution Control Regulations and Standards

Preamble:

The United States Environmental Protection Agency ("EPA") promulgates amendments to 40 C.F.R. Parts 50, 51, 52, 60, and 63 throughout each calendar year. Recent federal amendments include clarification, guidance, and technical amendments regarding New Source Performance Standards ("NSPS") and National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories.

The Department proposes to amend Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, to incorporate the EPA's revision to the National Ambient Air Quality Standards for Fine Particulate Matter ("$PM_{2.5}$"), Sulfur Dioxide ("SO_2"), and Nitrogen Dioxide ("NO_2") set forth in 40 C.F.R. Part 50. Additionally, the Department proposes to amend Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards, and Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories, to incorporate by reference recent federal amendments promulgated from January 1, 2013 through December 31, 2013.

The Department is also proposing other changes to Regulation 61-62 that includes corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary.

In accordance with 1976 Code Section 1-23-120(H), legislative review is not required because the Department proposes promulgating the amendments to maintain compliance with federal law. As such, neither a preliminary assessment report nor a preliminary fiscal impact statement is required.

A Notice of Drafting was published in the *State Register* on March 28, 2014, to initiate the statutory process to amend Regulation 61-62. The Notice of Drafting was also sent via Department list serve to appropriate stakeholders on April 3, 2014.

Discussion of Proposed Revisions:

SECTION CITATION/EXPLANATION OF CHANGE:

Regulation 61-62.5, Air Pollution Control Standards, Standard No. 2, Ambient Air Quality Standards

Regulation 61-62.5, Air Pollution Control Standards, Standard No. 2, Ambient Air Quality Standards:

Table is revised to make the information found therein more consistent with information found on the EPA's National Ambient Air Quality Standards table which can be found at http://www.epa.gov/air/criteria.html. This includes revising: the primary annual $PM_{2.5}$ standard from 15.0 mg/m^3 to 12.0 $\mu g/m^3$ and retaining the level of the 24-hour $PM_{2.5}$ standard at 35 $\mu g/m^3$; establishing a new 1-hour SO_2 standard at a level of 75 parts per billion and revoking both the existing 24-hour and annual primary SO_2 standards; and establishing a new 1-hour NO_2 standard at a level of 100 parts per billion. 40 C.F.R. Parts 50, 51, 52, 53, and 58. (See as reference: January 15, 2013 (78 FR 3086); June 22, 2010 (75 FR 35520); and February 9, 2010 (75 FR 6474)).

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart A, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Da, Table, is amended to incorporate federal revisions at 78 FR 24073, April 24, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Ec, Table, is amended to incorporate federal revisions at 78 FR 28052, May 13, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Ja, Table, is amended to incorporate federal revisions at 78 FR 76753, December 19, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart F, Table, is amended to incorporate federal revisions at 78 FR 10006, February 12, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart CCCC, Table, is amended to incorporate federal revisions at 76 FR 28662, May 18, 2011; and 78 FR 9112, February 7, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart DDDD, Table, is amended to incorporate federal revisions at 76 FR 28662, May 18, 2011; and 78 FR 9112, February 7, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart IIII, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart JJJJ, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart OOOO, Table, is amended to incorporate federal revisions at 78 FR 58416, September 23, 2013, by reference.

Regulation, 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart A, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013; 78 FR 7138, January 31, 2013; 78 FR 7488, February 1, 2013; and 78 FR 37133, June 20, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart F, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart G, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart H, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart I, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart M, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart N, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 77 FR 58220, September 19, 2012, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart O, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 71 FR 17712, April 7, 2006, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart R, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart S, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart T, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 64 FR 45187, August 19, 1999, and 64 FR 69637, December 14, 1999, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart X, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 70 FR 75320, December 19, 2005, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart Y, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart CC, Table, is amended to incorporate federal revisions at 78 FR 37133, June 20, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart DD, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart GG, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart II, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJ, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart KK, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart LL, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart SS, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart TT, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart UU, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart WW, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart YY, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEE, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart GGG, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJJ, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart LLL, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 78 FR 10006, February 12, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart MMM, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart NNN, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart PPP, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart RRR, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart HHHH, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart ZZZZ, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013; and 78 FR 14457, March 6, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEEEE, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart PPPPP, Table is amended to incorporate federal revisions at 68 FR 51830, August 28, 2003, by reference.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart UUUUU, Table, is amended to change Federal Register Notice page numbers to correct typographical errors and to incorporate federal revisions at 77 FR 45967, August 2, 2012; and 78 FR 24073, April 24, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart YYYYY, Table is amended to incorporate federal revisions at 73 FR 72727, December 1, 2008, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEEEEE, Table is amended to incorporate federal revisions at 72 FR 36363, July 3, 2007, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJJJJJ, Table is established to incorporate federal revisions at 69 FR 55217, September 13, 2004, 70 FR 76918, December 28, 2005, 71 FR 70651, December 6, 2006, 76 FR 15554, March 21, 2011, 76 FR 15608, March 21, 2011, 76 FR 28662, May 18, 2011, 78 FR 7138, January 31, 2013, and 78 FR 7488, February 1, 2013, by reference.

Notice of Public Hearing and Opportunity for Public Comment:

Interested members of the public and regulated community are invited to comment on the proposed amendments to Regulation 61-62, Air Pollution Control Regulations and Standards, at a public hearing to be conducted by the Board of the South Carolina Department of Health and Environmental Control at its regularly-scheduled meeting on September 11, 2014. The public hearing is to be held in room 3420 (Board Room), Third floor, Aycock Building of the South Carolina Department of Health and Environmental Control, 2600 Bull Street, Columbia, SC. The Board meeting commences at 10:00 a.m. at which time the Board will consider items on its agenda in the order presented. The order of presentation for public hearings will be noted in the Board's agenda to be published by the Department twenty-four hours in advance of the meeting at the following address: http://www.scdhec.gov/Agency/AgencyManagement/BoardofDirectors/. Persons desiring to make oral comments at the hearing are asked to limit their statements to five minutes or less, and as a courtesy, are asked to provide written copies of their presentation to the Clerk of the Board for inclusion for the record.

Interested persons are also provided an opportunity to submit written comments on the proposed regulations to Michael C. Monroe by mail at Bureau of Air Quality, South Carolina Department of Health and Environmental Control, 2600 Bull Street, Columbia, SC 29201; by facsimile at (803) 898-4487; or by e-mail at monroemc@dhec.sc.gov. To be considered, comments must be received no later than 5:00 p.m. on July 28, 2014, the close of the comment period. Comments received during the write-in public comment period by the deadline requested above shall be submitted to the Board in a Summary of Public Comments and Department Responses for consideration at the public hearing as noticed below.

Copies of the proposed regulation for public notice and comment may be obtained by contacting Michael C. Monroe at the South Carolina Department of Health and Environmental Control, Bureau of Air Quality, 2600 Bull Street, Columbia, SC 29201; by calling (803) 898-3261; or by emailing monroemc@dhec.sc.gov. A copy may also be obtained on the Department's Regulatory Information Internet Site at http://www.scdhec.gov/Agency/RegulationsAndUpdates/RegulationDevelopmentUpdate in its DHEC Regulation Development Update. To access this document, click on the Air category, then scan down for this proposed amendment.

Statement of Need and Reasonableness:

This Statement of Need and Reasonableness was determined by staff analysis pursuant to S.C. Code Section 1-23-115(C)(1)-(3) and (9)-(11).

DESCRIPTION OF REGULATION: Amendment of Regulation 61-62, Air Pollution Control Regulations and Standards.

Purpose: The United States Environmental Protection Agency ("EPA") promulgated amendments to national air quality standards in 2013. The recent federal amendments include clarification, guidance and technical revisions to state implementation plan ("SIP") requirements promulgated pursuant to 42 U.S.C. 7410 & 7413, New Source Performance Standards ("NSPS") mandated by 42 U.S.C. 7411, and federal National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories.

The Department therefore proposes to amend Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, to codify recent federal amendments to the National Ambient Air Quality Standards for Fine Particulate Matter ("$PM_{2.5}$"), Sulfur Dioxide ("SO_2"), and Nitrogen Dioxide ("NO_2") set forth in 40 C. F. R. Part 50.

Additionally, the Department proposes to amend Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards, and Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories, to codify federal amendments to these standards promulgated from January 1, 2013 through December 31, 2013.

The Department is also proposing other changes to Regulation 61-62 that includes corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary.

Legal Authority: In accordance with 1976 Code Section 1-23-120(H), legislative review is not required because the Department proposes promulgating the amendments to maintain compliance with federal law.

Plan for Implementation: The proposed amendments will take effect upon approval by the Board of Health and Environmental Control and publication in the *State Register*. These requirements are in place at the federal level and are currently being implemented. The proposed amendments will be implemented in South Carolina by providing the regulated community with copies of the regulation, publishing associated information on our website at http://www.scdhec.gov/Agency/RegulationsandUpdates/, sending an email to stakeholders, and communicating with effected facilities during the permitting process.

DETERMINATION OF NEED AND REASONABLENESS OF THE PROPOSED REGULATION BASED ON ALL FACTORS HEREIN AND EXPECTED BENEFITS:

The EPA promulgates amendments to 40 C.F.R. Parts 51, 52, 60, and 63 throughout each calendar year. Federal amendments in 2013 included new and revised NSPS rules, and NESHAPs for Source Categories. States are mandated by law to adopt these federal amendments. These amendments are reasonable as they promote consistency and ensure compliance with both state and federal regulations.

DETERMINATION OF COSTS AND BENEFITS:

There will be no increased cost to the State or its political subdivisions resulting from these proposed revisions. The standards to be adopted are already effective and applicable to the regulated community as a matter of federal law, thus the regulated community has already incurred the cost of these regulations. The proposed amendments will benefit the regulated community by clarifying the regulations and increasing their ease of use.

UNCERTAINTIES OF ESTIMATES:

There are no uncertainties of estimates relative to the costs to the State or its political subdivisions.

EFFECT ON ENVIRONMENT AND PUBLIC HEALTH:

Adoption of the recent changes in federal regulations through the proposed amendments to Regulation 61-62, Air Pollution Control Regulations and Standards, will provide continued protection of the environment and public health.

DETRIMENTAL EFFECT ON THE ENVIRONMENT AND PUBLIC HEALTH IF THE REGULATIONS ARE NOT IMPLEMENTED:

The State's authority to implement federal requirements, which are beneficial to the public health and environment, would be compromised if these amendments were not adopted in South Carolina.

Text:

The full text of this regulation is available on the South Carolina General Assembly Home Page: **http://www.scstatehouse.gov/regnsrch.php.** Full text may also be obtained from the promulgating agency.

Document No. 4466
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
CHAPTER 61
Statutory Authority: 1976 Code Sections 1-23-500, 1-23-600, 44-1-50, and 44-1-60

61-72. Procedures for Contested Cases

Preamble:

With the statutory creation of the Administrative Law Court and its authority to review contested cases, adjudicatory hearings as prescribed in R.61-72 no longer apply. As such, the Department proposes repeal of each section of R.61-72.

A Notice of Drafting for this proposed repeal was published in the *State Register* on April 25, 2014. General Assembly review is required.

Notice of Public Hearing and Opportunity for Public Comment:

Interested persons or parties may request a public hearing or submit comments on the proposed regulation by writing to Rupinderjit S. Grewal, S.C. DHEC, 2600 Bull St., Columbia, South Carolina 29201 or by email to grewalrs@dhec.sc.gov. To be considered, the Department must receive the written requests or comments no later than 5:00 p.m. on July 28, 2014, the close of the public comment period. The Department will submit a summary of public comments and Department responses to the Board of Health and Environmental Control for its consideration.

The Public Hearing is currently scheduled to be held before the Board during its regularly scheduled meeting on August 7, 2014 in Room 3420 (Board Room), Third Floor, Aycock Building of the Department of Health and Environmental Control, 2600 Bull Street, Columbia, S.C. Please use the front entrance to the building facing Bull Street. The Board meeting commences at 10:00 a.m., at which time the Board will consider items on its agenda in the order presented. The Board's agenda is published by the Department 24 hours in advance of the meeting at the following address: http://www.scdhec.gov/Agency/AgencyManagement/BoardofDirectors/. The agenda will also provide notice of cancellation or any change in meeting times. Persons desiring to make oral comments at the hearing are asked to limit their statements to five minutes or less and provide applicable documents for the record.

Copies of the proposed regulation may be obtained on the Department's Regulatory Information internet site under the "General Counsel" category in the DHEC Regulation Development Update at http://www.scdhec.gov/Agency/RegulationsAndUpdates/RegulationDevelopmentUpdate or by contacting Rupinderjit S. Grewal at the above address.

Appendix 4

SCDHEC Board Public Hearing Transcript
September 11, 2014

SOUTH CAROLINA DEPARTMENT OF HEALTH
AND ENVIRONMENTAL CONTROL
PUBLIC HEARING AND REQUEST FOR FINAL APPROVAL
STATE REGISTER DOCUMENT NUMBERS: 4468, 4465 & 4469
SEPTEMBER 11, 2014

BOARD MEMBERS PRESENT:
ALLEN AMSLER, CHAIRMAN
L. CLARENCE BATTS, JR.
JOHN O. HUTTO, SR., MD
CHUCK JOYE
ANN KIROL, DDS
MARK LUTZ
R. KENYON WELLS
WILLIAM LEE HEWITT, III

ALSO PRESENT:
CATHERINE B. TEMPLETON, DIRECTOR
LISA LONGSHORE
MARSHALL TAYLOR, ESQUIRE

This meeting held at the South Carolina Department of Health and Environmental Control, 2600 Bull Street, Board Room #3420, Columbia, South Carolina, reported by Sonya K. Grice, Verbatim Court Reporter and Notary Public in and for the State of South Carolina; said meeting being held on the 11th day of September, 2014, scheduled for 10:00 a.m. and commencing at 10:37 a.m.

INDEX:

EXHIBITS:

(None proffered.)

LEGEND OF THE TRANSCRIPT:

-- indicates interruption; incomplete phrase; unfinished sentence

CHAIRMAN AMSLER: We'll now have a public hearing pursuant to Code Section 1-23-111 for Proposed Repeal of Regulation 61-11, Hypodermic Devices, and Regulation 61-18, Drugs and Devices. Notice of this hearing has been published in The State Register, Document Number 4468. The following procedures will be used for the public hearing:

A member of the DHEC staff will describe the proposal. At the conclusion of that presentation, any member of the public may comment. I will first call on those who have signed up to speak. At the conclusion of their comments, there will be an opportunity for any other member of the public to speak.

Please limit your comments to five minutes, and if several members of the group are present, please appoint a spokesperson for this group. Please state your name and the organization for the Court Reporter. Please limit your comments to material which are relevant and are not repetitive to statements already made. If you have a written statement, please provide a copy to the Reporter. Ms. Lisa Thompson will make the staff presentation.

MS. THOMSON: Thank you.

CHAIRMAN AMSLER: You're welcome.

MS. THOMSON: Regulation 61-11 was promulgated pursuant to Article 7, Title 44, Chapter 53, Hypodermic Needles and Syringes, which was repealed in 2002. Regulation 61-18 was promulgated pursuant to Title 39, Chapter 23, Adulterated, Misbranded, or New Drugs or Devices. This regulation is not necessary because the items it regulates are currently addressed in State Statute and Federal Regulation. A notice of drafting was published in the State Register on May 23rd, 2014, and requested comments to be submitted by June 23rd. No comments were received. On July 10th, 2014 the Board granted Department staff initial approval to publish a Notice of Proposed Regulation in the State Register to provide opportunity for public comment on the proposed repeals. Department staff published a Notice of Proposed Regulation in the State Register on July 25th, 2014, and no comments were received. The Department proposes repeal of the current regulations to remove obsolete language and provide for consistency with State and Federal laws. Drug Control staff

recommends, based on the public hearing and attached information, that the Board find for the need of reasonableness of the proposed regulation repeals and approves them for submission to the legislature for review. Thank you.

CHAIRMAN AMSLER: Okay. Thank you. All right. Lisa, we haven't had anybody sign up.

MS. LONGSHORE: No, sir.

CHAIRMAN AMSLER: Is there anybody who wants to make a comment?

(None standing.)

CHAIRMAN AMSLER: Let the record show that nobody stood up. And any questions of the Board? None?

(None stated.)

CHAIRMAN AMSLER: Okay.

MS. KIROL: Pretty straight forward.

CHAIRMAN AMSLER: All right. Well, if that's the case, we'll go ahead and conclude the public hearing portion of this agenda item per Section Code, per Code Section 1-23-111 for the Proposed Repeal of Regulation 61-11, Hypodermic Devices and Regulation 61-18, Drugs and Devices. Okay. Is there a motion?

MR. LUTZ: Sure. I'll make one. I make a

motion that we find for the need and reasonableness of the Proposed Repeal of Regulation 61-11, Hypodermic Devices and Regulation 61-18, Drugs and Devices, and approve it for submission to the legislature for review.

MR. BATTS: I'll second.

CHAIRMAN AMSLER: Any other discussion?

(None stated.)

CHAIRMAN AMSLER: All in favor?

BOARD MEMBERS: Aye.

CHAIRMAN AMSLER: All opposed?

(None stated.)

CHAIRMAN AMSLER: The ayes have it.

(Hearing Concluded)

CHAIRMAN AMSLER: We'll now have a public hearing pursuant to Code Section 1-23-111 for Proposed Amendment of Regulation 61-62, Air Pollution Control Regulations and Standards, and the South Carolina Air Quality Implementation Plan. Notice of this hearing was published in the State Register, Document Number 4465. The following procedure will be used for the hearing.

A member of the DHEC staff will describe the proposal. At the conclusion of that

presentation, any member of the public may comment. I will first call on those who have signed up to speak. At the conclusion of their comments, there will be an opportunity for any other member of the public to speak.

Please limit your comments to five minutes, and if several members of a group are present, please appoint a spokesperson for the group. Please state your name and organization for the Court Reporter. Please limit your comments to material which are relevant and are not repetitive of statements already made. If you have a written statement, please provide a copy to the Reporter. Mr. Robbie Brown will make the staff presentation. Mr. Brown.

MS. TEMPLETON: Before you start, I'm sorry.

CHAIRMAN AMSLER: I'm sorry?

MS. TEMPLETON: Do y'all know what a SIP is?

MR. BATTS: State Implementation.

MS. TEMPLETON: Pretty much. I mean, basically the Federal Government requires us to do certain things and we have to give them a plan on how we're going to accomplish that. That's what this is.

CHAIRMAN AMSLER: Okay.

MR. BROWN: Good morning, Mr. Chairman, Members of the Board, Director Templeton, Mr. Taylor.

This is a request for a Public Hearing and Board consideration for final approval to amend Regulation 61-62, Air Pollution Control Regulations and Standards, and also the South Carolina State Implementation Plan, also known as the SIP.

This proposed action is an annual update to our air regulations and the SIP to primarily incorporate by reference recent federal amendments promulgated during the period of January 1, 2013 through December 31st, 2013, but also to update our Regulation 61-62.5, Standard #2 to include recent federal Ambient Air Quality changes.

Specifically, the Department proposes to amend Regulation 61-62 Standard #2, Ambient Air Quality Standards to incorporate the EPA's revisions to the National Ambient Air Quality Standards for Fine Particulate Matter ("PM2.5"), Sulfur Dioxide (“SO2"), and Nitrogen Dioxide, (“NO2").

The Department is also proposing to amend

Regulation 61-62.60, New Source Performance Standards and 61-62.63, National Emissions Standards for Hazardous Air Pollutants for Source Categories. These amendments will consist of updating reference tables to each applicable Subpart as amended or added to mirror the final federal rules.

Legislative review will not be required for these changes as they reflect updated federal requirements.

A Notice of Drafting to these regulations was published in the State Register on March 28th of this year and was also published on the Department's Regulatory Internet Site and its Regulation Development Update.

On June 12th, 2014, the Board granted staff initial approval to public notice the proposed amendments, which was published on June 27th of this year, as Document No. 4465 in the State Register. One comment was received during the 30 day comment period: The EPA asked that we include the federal ambient standards by reference.

One of the amendments to Document 4465 was to amend the table at 40 CFR 63, Subpart A to add

four new federal regulations by incorporating them by reference into this table as was explained in the Discussion of Proposed Amendments; no other changes were proposed.

However, in preparing the amended table –- in Subpart A, staff inadvertently omitted references to four previous regulation revisions that had been incorporated in previous amendments. These omissions are merely historical references and as such have no substantive legal effect. All entities must comply with the most current version of CFR 40 63. These omissions have been addressed in an Errata published in the State Register on August 22nd of this year.

In summation, the staff –- the Department staff asks that after public hearing and consideration of the attached information the Board finds for the need and reasonableness of the proposed regulations. And I'll be happy to address any questions you have.

DR. HUTTO: Yes. You have 50 states doing the same thing. Do y'all ever, your counterparts in other states, ever get together and say, you know, how are y'all doing?

MS. TEMPLETON: Absolutely. And, in fact, before these rules come into play, and they're proposed rules and we comment on them, and there's an association called ECOS, Environmental Counsel of States, where all 50 of our counterparts get together and fight about it, because you can imagine some are more, you know, on one spectrum than the other. But we caucus and we have, you know, different interests in mind. So not only do we talk about how to implement but we talk about how to craft the rule and push against the federal government, where it's unreasonable or impractical, before it gets to us. So that's what you have now. You have the result of robust, probably years long conversation all over the nation. Lawsuits. Everything. You name it. And we could -- again, y'all could say no to the SIP. But when you say no on this one it's a little bit different. I can tell you the legal consequences on that one is the EPA comes in and does it for us. And so we lose a little bit of our ability to administer. Or all of our ability to administer.

DR. HUTTO: Disempowered.

MS. TEMPLETON: Do not shoot the messenger.

MR. LUTZ: Just getting warmed up.

MS. TEMPLETON: Thank you, Dr. Hutto.

MR. LUTZ: To that point, were there any -- I guess the most important issue here is the particulate matter, or at least that's the one that seems to have gone through all the things that they proposed the first time. Did we agree with that? Was that that particular component of going down to 2.5 and addressing the measurements? Did we agree with that up front or was that one of these we tried to push back on?

MS. TEMPLETON: You know, we're in conversation with all of it, and so it's not just we want to move the standard down. But that becomes a scientific argument. It's really, where we get involved, we were involved in that part, but when we get involved is when they tell us how to do it, how to measure it, the ways in which you measure it. Is this the 24 hour rule, Elizabeth?

MS. DIECK: This is from 2000.

MS. TEMPLETON: Yeah.

MS. DIECK: So, I mean, we've been in negotiation with the feds, the EPA, in trying to figure out how to implement this directive since

almost 15 years ago.

MS. TEMPLETON: Almost 15 years.

CHAIRMAN AMSLER: She needs a name, Elizabeth.

MS. DIECK: Elizabeth Dieck.

MS. TEMPLETON: Oh, I'm sorry. Elizabeth Dieck.

MR. LUTZ: So this is -- it looked like the EPA proposed this in 2012 so this is not proposed in 2012.

MS. DIECK: The process has evolved over time. Go ahead, Robbie.

MR. BROWN: These changes were not done last year. They have been done over the last two or three years. We have been working with stakeholders and the EPA on how to best implement these new changes in the Ambient Air Quality Standards. The EPA proposed the standards, but they hadn't addressed how they were supposed to be dealt with in terms of how to incorporate those in permit applications, how we were supposed to handle that as we move through construction permit and operating permit renewals. So we've been working with the stakeholders and we've been working with other

states, and we have gotten to the point where we believe that these things can be effectively implemented at the state level, and we're moving forward with them now. There's a document that is to be published in the State Register next month where we've been working with the stakeholders and other state entities on how best to handle showing that you're not causing or contributing to an exeedance of these standards, so that the facilities will have more options than just modeling these standards as they move forward.

MS. TEMPLETON: So the formal procedural process by the EPA may have started in 2012, but crafting what needed to be in that notice?

MR. LUTZ: All right, but the implementation is different than it should have been done in the first place. And so you can also read studies that say that if the EPA did nothing, actually the particulate matter reviews are coming down, the measurements are coming down, and that if they did nothing by 2020 might still hit the goals that they believe they’re targeting here. So there are people that have tried to figure out is it even worth while. Are

we saying that we typically, when we respond, don't talk about content? We only generally just respond with respect implementation?

MS. TEMPLETON: No, we do both. We talk about content and implementation. As far as the scientific part, the studies that you're referring to, that's a national conversation back and forth with experts. And then ultimately once the rule is, Y'all are going to have to hit this, then we're talking about, well, How do we hit that --

MR. LUTZ: Sure.

MS. TEMPLETON: -- and how are you – you know, leave us alone to figure it out.

MR. LUTZ: Sure. I understand that part.

MS. TEMPLETON: But no, we're there from Alpha to Omega.

MR. LUTZ: And how is our attainment right now?

MR. BROWN: We're meeting --

MR. LUTZ: Are all counties in attainment right now?

MR. BROWN: Yes, we're meeting all of these new standards.

MR. LUTZ: Okay.

MR. BROWN: We're well under them, as a matter of fact.

MR. LUTZ: There was also mention that, I think, if I've got the right rule, that they want us to now have monitors along highways. Is that part of this deal?

MR. BROWN: When they proposed, when they made the NO2 Standard final, there was a requirement for roadside monitoring. The EPA has since changed that schedule. And the NO2 Standard is suppose to be renewed in the next year or so. They're expected to remove that requirement from the level that we would have had to have addressed here in South Carolina. There is a roadside monitor in Charlotte, but that's the largest nearby area and that monitor is in North Carolina because the road segment that had the most traffic was in North Carolina. The road segments in South Carolina that were expected to have roadside monitoring are such that they have been delayed and they're expected, the requirement is expected to be removed next time.

MR. LUTZ: Oh, really?

MR. BROWN: Yes.

MR. LUTZ: Okay.

MR. TEMPLETON: And that happens from that robust conversation --

MR. LUTZ: Good. All right. Because I did not read that part of it so it's good to read that. There was also a visibility issue that they were talking about with respect to cities, too, which did not make it through your original process. Okay. On -- when we say that there's no cost to stakeholders, due to our limitation of the regulations, do we ever address what were the cost to the stakeholders when the first federal regulation came out? Because we say they're already having to implement this and so --

MS. TEMPLETON: Theoretically that would have been addressed when those came out.

MR. BROWN: Yeah. The federal government has to address the cost when they come out with the federal regulations. We're just providing a list of those regulations to the facilities in South Carolina in our regulations.

MR. LUTZ: Do we -- do you recall if when we were going through this process up front we had stakeholders or folks that pushed back on the cost component of this back to the feds? In other words, was there any large component of

people that were worried about it back then?

MS. TEMPLETON: And that would have been in 2000?

MR. LUTZ: Well -- well --

MS. TEMPLETON: I've got to believe nationally there were. I mean, the reason any law, whether its federal or state, requires a fiscal impact statement, and anybody that's going to fight against this part of it over here is going to also use that as a hook. So, I mean, I would think every time that there is a new federal rule --

MR. BROWN: And usually when there's a large max standard that comes out like the boiler mac that there's a lot of pushback on the cost numbers both on the levels that are picked and also the impacts on facilities. So all of that's done at the national level and that's usually provided by the regulated entities that would be covered under those sources are the ones that are doing the pushback.

MS. TEMPLETON: Yeah. And the other thing, to give y'all comfort, is that MIRA sits on all these national -- we're not disconnected from the national pushback. When you've got any kind of

new proposed rule, and we're going to get to one in a minute, we're not fighting alone, but we are in the fight. You know, and the MIRA is really a good voice nationally. But, if the industry is the one that's getting ready to get hit economically, they've got their hired guns there. They've got their, you know, they've got their representation. So all the experts that are going to hit the science, the implementation, the economics, anything that you might be concerned about with any change, they show up. They show up on both sides. I mean, they're -- and that's why it takes 15 years to finally get something like this passed.

MR. WELLS: You say they show up on both sides?

MS. TEMPLETON: I mean, you're going to have people who are going to say, I don't care what it costs; I want clean air. And you're going to have people here that are going to say, you know, I don't care about clean air; I want to, you know, do my product or manufacture my product. I mean, there's a natural tension between, or used to be, between industry and environment. And so you've got, you've got, I think, the ends of both

spectrums any time any rule comes up, and then everywhere in between, really fighting hard.

MR. WELLS: All right. So can we track, when this all started to surface, can we track where smaller companies who didn't have budgets for all these lawyers to fight and lobbyists and legislators and stuff, can we track those that may have gone out of business because they couldn't afford to do all this?

MS. TEMPLETON: That's where NFIB and probably others -- Jonathan, can you help me out with that? NFIB would show up, which is the Federation of Independent Businesses --

MR. YARBOROUGH: Yeah, Chamber of Commerce would represent the small businesses.

MS. TEMPLETON: Chamber of Commerce. Jonathan Yarborough.

MR. YARBOROUGH: Jonathan Yarborough.

MS. TEMPLETON: Jonathan Yarborough.

MR. BROWN: And --

MR. YARBOROUGH: There's a lot of groups and small business interests.

MS. TEMPLETON: So they would show up with their lawyers.

MR. BROWN: The NSPS and the max standards

are for larger facilities. So the smaller facilities are not usually --

MS. TEMPLETON: Affected?

MR. BROWN: They're not affected by these rules that are coming in. So that kind of takes care of that portion of the changes here. The changes to the Ambient Air Quality Standards, smaller facilities are impacted sometimes with having to show compliance with these standards, which is one of the reasons that we've been working with the stakeholders over the last two or three years to come up with an effective way for them to deal with this, and we've had many people at the table with that.

MR. JOYE: But as far as this proposed regulation change, you mentioned stakeholders. Who are the major stakeholders?

MR. BROWN: Well, certainly the Chamber Tech leads an important part of that, and they represent a lot of the large facilities, but they also bring in the smaller facilities as well. But we've also had the consultants working as part of the stakeholders, and they would be the ones that would be supplying the information for the smaller facilities. So the things that would

help the larger facilities are also being transferred to how the smaller facilities are being handled.

MR. JOYE: The facilities being power plants?

MR. BROWN: Power plants, paper mills, cement kilns, any facility with large boilers. Those are the bigger facilities that we deal with, but there are smaller facilities that also have to do the same thing, and that's why we've looked at how we require this type of thing and when we require it so that any redundancy that would be cost -- our cost effective measures have been tried to be removed, and we've given them more options on how they can go about doing it. And there's a paper that's already out. It's being modified, and again, that's what's being published in the State Register next month.

MR. JOYE: Thank you.

CHAIRMAN AMSLER: Is there a motion?

MR. TAYLOR: You’re still in public session.

CHAIRMAN AMSLER: Oh, I'm sorry. I'm sorry.

MR. WELLS: What was the acronym for the small business? What was that? I missed it.

MS. TEMPLETON: There are a lot of them.

But NFIB.

MR. WELLS: N --

MS. TEMPLETON: National Federation of Independent Businesses.

MR. WELLS: NFIB.

MS. TEMPLETON: And then the Chamber of Commerce.

CHAIRMAN AMSLER: Any questions?

(None stated.)

CHAIRMAN AMSLER: Any more questions for the Board?

(None stated.)

CHAIRMAN AMSLER: Okay. Well, with that, this concludes the public hearing pursuant to Code Section 1-23-111, Proposed Amendment to Regulation 61-62, Air Pollution Control Regulations and Standards and the South Carolina Air Quality Implementation Plan. Is there a motion?

MR. BATTS: I'll make a motion to find for the need and reasonableness of the proposed amendment of Regulation 61-62, Air Pollution Control Regulations and Standards and the South Carolina Air Quality Implementation Plan, and approve for publication that's final in the State

Registry.

MR. HEWITT: I'll second.

CHAIRMAN AMSLER: Thank you. Any other discussion?

(None stated.)

CHAIRMAN AMSLER: All in favor?

BOARD MEMBERS: Aye.

CHAIRMAN AMSLER: All opposed?

(None stated.)

CHAIRMAN AMSLER: The ayes have it.

MS. LONGSHORE: May I just remind everybody, if anybody from the audience speaks, you need to speak loud and introduce yourself for the court reporter. We are in public hearing and it is a verbatim transcript. She has had trouble catching some of the speakers from the audience so if --

CHAIRMAN AMSLER: Thank you.

MS. LONGSHORE: -- we'll just remember.

CHAIRMAN AMSLER: Thank you.

(Hearing concluded)

CHAIRMAN AMSLER: We will now have a public hearing pursuant to Code Section 1-23-111 for Proposed Amendment of Regulation 61-58, State

Primary Drinking Water Regulation. Notice of this hearing was published in the State Register, Document Number 4469. The following procedure will be used for this hearing:

A member of the DHEC staff will describe the proposal. At the conclusion of that presentation, any member of the public may comment. I will first call on those who have signed up to speak. At the conclusion of their comments, there will be an opportunity for any other member of the public to speak.

Please limit your comments to five minutes. And if several members of the group are present, please appoint a spokesperson for that group. Please state your name and organization for the Court Reporter. Please limit your comments to materials which are relevant and not repetitive of statements already made. If you have a written statement, please provide a copy to the Court Reporter. Dr. Doug Kinard will make the staff presentation. Dr. Kinard?

DR. KINARD: Good morning still.

MS. TEMPLETON: He needs to be addressed as guru.

UNIDENTIFIED SPEAKER: Do you prefer Kinard

or Kinard?

MR. KINARD: It's Kinard.

CHAIRMAN AMSLER: Oh, I'm sorry.

MR. KINARD: Good morning, Mr. Chairman, Members of the Board, Director Templeton, and Mr. Taylor. This is a proposed amendment to Regulation 61-58, State Primary Drinking Water Regulations. And the purpose is the federal regulations commonly referred to as the Revised Total Coliform Rule, and we're doing so so that we may maintain primary enforcement authority over the Safe Drinking Water Act in the state. The most significant change is elimination of the maximum contaminant level for total coliform form. Instead, it's going to require systems that have total coliform positive samples to conduct assessments and define the cause of total coliform positive samples and correct them, rather than issue a maximum contaminant level violation. The maximum contaminant level for Ecoli will remain. During the comment period we did receive one comment. A commercial lab asked that we remove the February 13th, 2013 publication date of the federal register with regard to the approved analytical methods to

allow them to use methods developed or approved by EPA since February 13th, 2013. And after internal discussion we were in favor of making the change and we did so. So today we're asking that after the public hearing, and based on the information provided, that the Board find for the need and reasonableness of the proposed regulations and approve them for publication in the State Register. I'll be happy to answer any questions.

CHAIRMAN AMSLER: Okay. Thank you. No one signed up, Lisa?

MS. LONGSHORE: No.

CHAIRMAN AMSLER: Okay. Thank you.

MR. JOYE: Doug, this is a good thing, isn't it? This is really a fix?

MR. KINARD: Right. It's where EPA has listened to public feedback and is trying to make a better rule for everybody involved, I think.

CHAIRMAN AMSLER: Is there anybody else that would like to comment?

MR. BATTS: So from a more practical perspective, when you get a MCL coliform, we will not be penalizing them, they will have to go into a program to decide where it's coming from and

recommend a fix and that would be their resolution to the issue as opposed to being fined?

MR. KINARD: That's right. We will not be taking enforcement action because it won't be a HAPA violation.

MR. BATTS: That’s good.

MR. JOYE: [INAUDIBLE] alarming thing.

MR. BATTS: [INAUDIBLE]. Very good.

COURT REPORTER: Is this all on the record?

CHAIRMAN AMSLER: Yes, it’s all on the record. Can you speak up, guys, since she’s recording it, so.

MR. BATTS: Oh, I’m sorry. It’s a good thing. Okay. I apologize. Normally my voice carries so you can hear me forever.

CHAIRMAN AMSLER: Okay, and for the record, nobody stood up from the public. Any other discussion by the Board or questions?

(None stated.)

CHAIRMAN AMSLER: Thank you. This concludes the public hearing pursuant to Code Section 1-23-111 for the Proposed Amendment of Regulation 61-58, State Primary Drinking Water Regulations. Okay, do I have a motion?

MR. WELLS: It's a Pauley's Island term.

MR. HEWITT: Mr. Chairman?

CHAIRMAN AMSLER: Yes.

MR. HEWITT: I move that we find for the need and reasonableness of the Proposed Amendment of Regulation 61-58, State Primary Drinking Water Regulations and approve for publication the final in the State Register.

CHAIRMAN AMSLER: Thank you. Is there a second?

DR. HUTTO: Second.

CHAIRMAN AMSLER: Any other discussion?

(None stated.)

CHAIRMAN AMSLER: All in favor?

ALL MEMBERS: Aye.

CHAIRMAN AMSLER: Opposed?

(None stated.)

CHAIRMAN AMSLER: The ayes have it.

(Hereby, the Public Hearing adjourned at 11:12 a.m.)

CERTIFICATE OF REPORTER

I, SONYA K. GRICE, COURT REPORTER AND NOTARY PUBLIC IN AND FOR THE STATE OF SOUTH CAROLINA AT LARGE, HEREBY CERTIFY THAT I RECORDED AND TRANSCRIBED THE SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL BOARD MEETINGS ON THE 11TH DAY OF SEPTEMBER, 2014, AND THAT THE FOREGOING 30 PAGES CONSTITUTE A TRUE AND CORRECT TRANSCRIPTION OF THE SAID MEETING.

I FURTHER CERTIFY THAT I AM NEITHER ATTORNEY NOR COUNSEL FOR, NOR RELATED TO OR EMPLOYED BY ANY OF THE PARTIES CONNECTED WITH THIS ACTION, NOR AM I FINANCIALLY INTERESTED IN SAID CAUSE.

I FURTHER CERTIFY THAT THE ORIGINAL OF SAID TRANSCRIPT WAS THEREAFTER SEALED BY ME AND DELIVERED TO LISA LONGSHORE, S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL, 2600 BULL STREET, COLUMBIA, SOUTH CAROLINA, WHO WILL RETAIN THIS SEALED ORIGINAL TRANSCRIPT.

IN WITNESS WHEREOF, I HAVE SET MY HAND AND SEAL THIS 6TH DAY OF OCTOBER, 2014.

_____

SONYA K. GRICE, COURT REPORTER

MY COMMISSION EXPIRES JULY 15, 2015

Appendix 5

Notice of Final Regulation, September 26, 2014, South Carolina State Register

Document No. 4465
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
CHAPTER 61
Statutory Authority: 1976 Code Sections 48-1-10 et seq.

61-62. Air Pollution Control Regulations and Standards

Synopsis:

The United States Environmental Protection Agency ("EPA") promulgates amendments to 40 C.F.R. Parts 50, 51, 52, 60, and 63 throughout each calendar year. Recent federal amendments include clarification, guidance, and technical amendments regarding New Source Performance Standards ("NSPS") and National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories.

The Department has amended Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, to incorporate the EPA's revision to the National Ambient Air Quality Standards for Fine Particulate Matter ("$PM_{2.5}$"), Sulfur Dioxide ("SO_2"), and Nitrogen Dioxide ("NO_2") set forth in 40 C.F.R. Part 50. Additionally, the Department amended Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards, and Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories, to incorporate by reference recent federal amendments promulgated from January 1, 2013 through December 31, 2013.

The Department also made other changes to Regulation 61-62 that includes corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary.

In accordance with 1976 Code Section 1-23-120(H), legislative review is not required because these amendments were promulgated to maintain compliance with federal law. As such, neither a preliminary assessment report nor a preliminary fiscal impact statement is required.

A Notice of Drafting for these amendments was published in the *State Register* on March 28, 2014.

Discussion of Revisions:

SECTION CITATION/EXPLANATION OF CHANGE:

Regulation 61-62.5, Air Pollution Control Standards, Standard No. 2, Ambient Air Quality Standards

Regulation 61-62.5, Air Pollution Control Standards, Standard No. 2, Ambient Air Quality Standards:
Table is revised to make the information found therein more consistent with information found on the EPA's National Ambient Air Quality Standards table which can be found at http://www.epa.gov/air/criteria.html. This includes: revising the primary annual $PM_{2.5}$ standard from 15.0 mg/m^3 to 12.0 $\mu g/m^3$ and retaining the level of the 24-hour $PM_{2.5}$ standard at 35 $\mu g/m^3$; including a new 1-hour SO_2 standard at a level of 75 parts per billion and revoking both the existing 24-hour and annual primary SO_2 standards; and including a new 1-hour NO_2 standard at a level of 100 parts per billion. 40 C.F.R. Parts 50, 51, 52, 53, and 58. (See as reference: January 15, 2013 (78 FR 3086); June 22, 2010 (75 FR 35520); and February 9, 2010 (75 FR 6474)).

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart A, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Da, Table, is amended to incorporate federal revisions at 78 FR 24073, April 24, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Ec, Table, is amended to incorporate federal revisions at 78 FR 28052, May 13, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Ja, Table, is amended to incorporate federal revisions at 78 FR 76753, December 19, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart F, Table, is amended to incorporate federal revisions at 78 FR 10006, February 12, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart CCCC, Table, is amended to incorporate federal revisions at 76 FR 28662, May 18, 2011; and 78 FR 9112, February 7, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart DDDD, Table, is amended to incorporate federal revisions at 76 FR 28662, May 18, 2011; and 78 FR 9112, February 7, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart IIII, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart JJJJ, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart OOOO, Table, is amended to incorporate federal revisions at 78 FR 58416, September 23, 2013, by reference.

Regulation, 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart A, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013; 78 FR 7138, January 31, 2013; 78 FR 7488, February 1, 2013; and 78 FR 37133, June 20, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart F, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart G, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart H, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart I, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart M, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart N, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 77 FR 58220, September 19, 2012, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart O, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 71 FR 17712, April 7, 2006, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart R, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart S, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart T, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 64 FR 45187, August 19, 1999, and 64 FR 69637, December 14, 1999, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart X, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 70 FR 75320, December 19, 2005, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart Y, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart CC, Table, is amended to incorporate federal revisions at 78 FR 37133, June 20, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart DD, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart GG, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart II, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJ, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart KK, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart LL, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart SS, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart TT, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart UU, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart WW, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart YY, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEE, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart GGG, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJJ, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart LLL, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 78 FR 10006, February 12, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart MMM, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart NNN, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart PPP, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart RRR, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart HHHH, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart ZZZZ, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013; and 78 FR 14457, March 6, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEEEE, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart PPPPP, Table is amended to incorporate federal revisions at 68 FR 51830, August 28, 2003, by reference.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart UUUUU, Table, is amended to change Federal Register Notice page numbers to correct typographical errors and to incorporate federal revisions at 77 FR 45967, August 2, 2012; and 78 FR 24073, April 24, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart YYYYY, Table is amended to incorporate federal revisions at 73 FR 72727, December 1, 2008, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEEEEE, Table is amended to incorporate federal revisions at 72 FR 36363, July 3, 2007, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJJJJJ, Table is established to incorporate federal revisions at 69 FR 55217, September 13, 2004, 70 FR 76918, December 28, 2005, 71 FR 70651, December 6, 2006, 76 FR 15554, March 21, 2011, 76 FR 15608, March 21, 2011, 76 FR 28662, May 18, 2011, 78 FR 7138, January 31, 2013, and 78 FR 7488, February 1, 2013, by reference.

Instructions:

Amend Regulation 61-62, Air Pollution Control Regulations and Standards, pursuant to each instruction provided below with the text of the amendments.

Text:

Regulation 61-62.5, Air Pollution Control Standards, Standard No. 2, Ambient Air Quality Standards

Regulation 61-62.5, Standard No. 2, shall be revised as follows:

The following table, unless otherwise noted, constitutes the primary and secondary ambient air quality standards for the State of South Carolina. The computations for determining if the applicable standard is met, along with the analytical methods to be used, will be those applicable Federal Reference Methods and Interpretations published in the Appendices to 40 Code of Federal Regulations (CFR) 50, or those methods designated as Federal Equivalent Methods (FEM) in accordance with 40 CFR 53. In the case of Gaseous Fluorides, either the double paper tape sampler method (ASTM D-3266-91 or later), the sodium bicarbonate-coated glass tube and particulate filter method (ASTM D-3268-91 or later), or an approved method may be used.

Pollutant	**Reference**	**Measuring Interval**	**Standard Level**			
			mg/m^3	**$\mu g/m^3$**	**ppm**	**ppb**
Sulfur Dioxide	40 CFR 50.4 40 CFR 50.5	3 hour (secondary)	-	1300	0.5	-
	40 CFR 50.17	1 hour (primary)				75
PM_{10}	40 CFR 50.6	24 hour	-	150	-	-
$PM_{2.5}$	40 CFR 50.13	24 hour (primary)	-	35	-	-
	40 CFR 50.18	Annual (primary)	-	12	-	-
		24 hour (secondary)	-	35	-	-
		Annual (secondary)	-	15	-	-
Carbon Monoxide	40 CFR 50.8	1 hour (no secondary)	40	-	35	-
		8 hour (no secondary)	10	-	9	-
Ozone	40 CFR 50.10	8 hour (1997)	-	-	0.08	-
	40 CFR 50.15	8 hour (2008)	-	-	0.075	-
Gaseous Fluorides (as HF)	State Regulation (1978)	12 hour	-	3.7	-	-
		24 hour	-	2.9	-	-
		1 week	-	1.6	-	-
		1 month	-	0.8	-	-
Nitrogen Dioxide	40 CFR 50.11	Annual	-	100	0.053	53
		1-hour				100

Pollutant	Reference	Measuring Interval	Standard Level			
			mg/m^3	$\mu g/m^3$	ppm	ppb
Lead	40 CFR 50.16	Rolling 3-month Average	-	0.15	-	-

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards

Regulation 61-62.60, Subpart A, shall be revised as follows:

Subpart A - "General Provisions"

The provisions of 40 Code of Federal Regulations (CFR) Part 60 Subpart A, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 38	October 15, 1973	[38 FR 28565]
Revision	Vol. 39	March 8, 1974	[39 FR 9314]
Revision	Vol. 39	November 12, 1974	[39 FR 39873]
Revision	Vol. 40	April 25, 1975	[40 FR 18169]
Revision	Vol. 40	October 6, 1975	[40 FR 46254]
Revision	Vol. 40	November 17, 1975	[40 FR 53346]
Revision	Vol. 40	December 16, 1975	[40 FR 58418]
Revision	Vol. 40	December 22, 1975	[40 FR 59205]
Revision	Vol. 41	August 20, 1976	[41 FR 35185]
Revision	Vol. 42	July 19, 1977	[42 FR 37000]
Revision	Vol. 42	July 27, 1977	[42 FR 38178]
Revision	Vol. 42	November 1, 1977	[42 FR 57126]
Revision	Vol. 43	March 3, 1978	[43 FR 8800]
Revision	Vol. 43	August 3, 1978	[43 FR 34347]
Revision	Vol. 44	June 11, 1979	[44 FR 33612]
Revision	Vol. 44	September 25, 1979	[44 FR 55173]
Revision	Vol. 45	January 23, 1980	[45 FR 5617]
Revision	Vol. 45	April 4, 1980	[45 FR 23379]
Revision	Vol. 45	December 24, 1980	[45 FR 85415]
Revision	Vol. 47	January 8, 1982	[47 FR 951]
Revision	Vol. 47	July 23, 1982	[47 FR 31876]
Revision	Vol. 48	March 30, 1983	[48 FR 13326]
Revision	Vol. 48	May 25, 1983	[48 FR 23610]
Revision	Vol. 48	July 20, 1983	[48 FR 32986]
Revision	Vol. 48	October 18, 1983	[48 FR 48335]
Revision	Vol. 50	December 27, 1985	[50 FR 53113]
Revision	Vol. 51	January 15, 1986	[51 FR 1790]
Revision	Vol. 51	January 21, 1986	[51 FR 2701]

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 51	November 25, 1986	[51 FR 42796]
Revision	Vol. 52	March 26, 1987	[52 FR 9781, 9782]
Revision	Vol. 52	April 8, 1987	[52 FR 11428]
Revision	Vol. 52	May 11, 1987	[52 FR 17555]
Revision	Vol. 52	June 4, 1987	[52 FR 21007]
Revision	Vol. 54	February 14, 1989	[54 FR 6662]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	December 13, 1990	[55 FR 51382]
Revision	Vol. 57	July 21, 1992	[57 FR 32338, 32339]
Revision	Vol. 59	March 16, 1994	[59 FR 12427, 12428]
Revision	Vol. 59	September 15, 1994	[59 FR 47265]
Revision	Vol. 61	March 12, 1996	[61 FR 9919]
Revision	Vol. 62	February 24, 1997	[62 FR 8328]
Revision	Vol. 62	September 15, 1997	[62 FR 48348]
Revision	Vol. 63	May 4, 1998	[63 FR 24444]
Revision	Vol. 64	February 12, 1999	[64 FR 7463]
Revision	Vol. 65	August 10, 2000	[65 FR 48914]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 6, 2000	[65 FR 76350, 76378]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	February 6, 2001	[66 FR 9034]
Revision	Vol. 67	June 28, 2002	[67 FR 43550]
Revision	Vol. 68	April 14, 2003	[68 FR 17990]
Revision	Vol. 68	May 28, 2003	[68 FR 31611]
Revision	Vol. 69	July 8, 2004	[69 FR 41346]
Revision	Vol. 70	December 16, 2005	[70 FR 74870]
Revision	Vol. 71	June 1, 2006	[71 FR 31100]
Revision	Vol. 71	July 6, 2006	[71 FR 38482]
Revision	Vol. 72	May 16, 2007	[72 FR 27437]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	April 3, 2008	[73 FR 18162]
Revision	Vol. 73	May 6, 2008	[73 FR 24870]
Revision	Vol. 73	May 27, 2008	[73 FR 30308]
Revision	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 74	October 8, 2009	[74 FR 51950]
Revision	Vol. 74	December 17, 2009	[74 FR 66921]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 75	September 13, 2010	[75 FR 55636]
Revision	Vol. 76	January 18, 2011	[76 FR 2832]
Revision	Vol. 76	March 21, 2011	[76 FR 15372]
Revision	Vol. 76	March 21, 2011	[76 FR 15704]

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	August 14, 2012	[77 FR 48433]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Regulation 61-62.60, Subpart Da, shall be revised as follows:

Subpart Da – "Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978"

The provisions of 40 CFR Part 60 Subpart Da, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Da			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 44	June 11, 1979	[44 FR 33613]
Revision	Vol. 48	January 27, 1983	[48 FR 3737]
Revision	Vol. 54	February 14, 1989	[54 FR 6663]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 55	May 7, 1990	[55 FR 18876]
Revision	Vol. 63	September 16, 1998	[63 FR 49453, 49454]
Revision	Vol. 64	February 12, 1999	[64 FR 7464]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 66	April 10, 2001	[66 FR 18546]
Revision	Vol. 66	June 11, 2001	[66 FR 31177]
Revision	Vol. 66	August 14, 2001	[66 FR 42608]
Revision	Vol. 71	February 27, 2006	[71 FR 9866]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 19, 2012	[77 FR 23399]
Revision	Vol.78	April 24, 2013	[78 FR 24073]

Regulation 61-62.60, Subpart Ec, shall be revised as follows:

Subpart Ec - "Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for Which Construction Is Commenced After June 20, 1996"

The provisions of 40 CFR Part 60 Subpart Ec, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ec			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	September 15, 1997	[62 FR 48382]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	October 30, 2003	[68 FR 61759]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 76	April 4, 2011	[76 FR 18407]
Revision	Vol. 78	May 13, 2013	[78 FR 28052]

Regulation 61-62.60, Subpart Ja, shall be revised as follows:

Subpart Ja – "Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007"

The provisions of 40 CFR Part 60 Subpart Ja, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ja			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 73	July 28, 2008	[73 FR 43626]
Revision	Vol. 73	September 26, 2008	[73 FR 55751]
Revision	Vol. 73	December 22, 2008	[73 FR 78546]
Revision	Vol. 73	December 22, 2008	[73 FR 78549]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]
Revision	Vol. 78	December 19, 2013	[78 FR 76753]

Regulation 61-62.60, Subpart F, shall be revised as follows:

Subpart F - "Standards of Performance for Portland Cement Plants"

The provisions of 40 CFR Part 60 Subpart F, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	June 14, 1974	[39 FR 20793]
Revision	Vol. 39	November 12, 1974	[39 FR 39874]
Revision	Vol. 40	October 6, 1975	[40 FR 46258]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 53	December 14, 1988	[53 FR 50363]
Revision	Vol. 54	February 14, 1989	[54 FR 6666]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 78	February 12, 2013	[78 FR 10006]

Regulation 61-62.60, Subpart CCCC, shall be revised as follows:

Subpart CCCC – "Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Is Commenced After November 30, 1999, or for Which Modification or Reconstruction Is Commenced on or After June 1, 2001"

The provisions of 40 CFR Part 60 Subpart CCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart CCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 1, 2000	[65 FR 75338]
Revision	Vol. 66	March 27, 2001	[66 FR 16605]
Revision	Vol. 70	September 22, 2005	[70 FR 55568]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	February 7, 2013	[78 FR 9112]

Regulation 61-62.60, Subpart DDDD, shall be revised as follows:

Subpart DDDD - "Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction on or Before November 30, 1999"

The provisions of 40 CFR Part 60 Subpart DDDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart DDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 1, 2000	[65 FR 75338]
Revision	Vol. 70	September 22, 2005	[70 FR 55568]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	February 7, 2013	[78 FR 9112]

Regulation 61-62.60, Subpart IIII, shall be revised as follows:

Subpart IIII- "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines"

The provisions of 40 CFR Part 60 Subpart IIII, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart IIII			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 71	July 11, 2006	[71 FR 39154]
Revision	Vol. 76	June 28, 2011	[76 FR 37954]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Regulation 61-62.60, Subpart JJJJ, shall be revised as follows:

Subpart JJJJ – "Standards of Performance for Stationary Spark Ignition Internal Combustion Engines"

The provisions of 40 CFR Part 60 Subpart JJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart JJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	October 8, 2008	[73 FR 59034]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Regulation 61-62.60, Subpart OOOO, shall be revised as follows:

Subpart OOOO - "Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution"

The provisions of 40 CFR Part 60, Subpart OOOO, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart OOOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	August 16, 2012	[77 FR 49490]
Revision	Vol. 78	September 23, 2013	[78 FR 58416]

Regulation 61-62.63 - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories

Subpart A - "General Provisions"

Regulation 61-62.63, Subpart A, shall be revised as follows:

The provisions of Title 40 CFR Part 63, Subpart A, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart A			
Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 59	March 16, 1994	[59 FR 12430]
Revision	Vol. 59	April 22, 1994	[59 FR 19453]
Revision	Vol. 59	December 6, 1994	[59 FR 62589]
Revision	Vol. 60	January 25, 1995	[60 FR 4963]
Revision	Vol. 60	June 27, 1995	[60 FR 33122]
Revision	Vol. 60	September 1, 1995	[60 FR 45980]
Revision	Vol. 61	May 21, 1996	[61 FR 25399]
Revision	Vol. 61	December 17, 1996	[61 FR 66227]
Revision	Vol. 62	December 10, 1997	[62 FR 65024]
Revision	Vol. 63	May 4, 1998	[63 FR 24444]

40 CFR Part 63 Subpart A			
Federal Register Citation	Volume	Date	Notice
Revision	Vol. 63	May 13, 1998	[63 FR 26465]
Revision	Vol. 63	September 21, 1998	[63 FR 50326]
Revision	Vol. 63	October 7, 1998	[63 FR 53996]
Revision	Vol. 63	December 1, 1998	[63 FR 66061]
Revision	Vol. 64	January 28, 1999	[64 FR 4300]
Revision	Vol. 64	February 12, 1999	[64 FR 7468]
Revision	Vol. 64	April 12, 1999	[64 FR 17562]
Revision	Vol. 64	June 10, 1999	[64 FR 31375]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 67	February 14, 2002	[67 FR 6968]
Revision	Vol. 67	February 27, 2002	[67 FR 9156]
Revision	Vol. 67	April 5, 2002	[67 FR 16582]
Revision	Vol. 67	June 10, 2002	[67 FR 39794]
Revision	Vol. 67	July 23, 2002	[67 FR 48254]
Revision	Vol. 68	February 18, 2003	[68 FR 7706]
Revision	Vol. 68	April 21, 2003	[68 FR 19375]
Revision	Vol. 68	May 6, 2003	[68 FR 23898]
Revision	Vol. 68	May 8, 2003	[68 FR 24653]
Revision	Vol. 68	May 20, 2003	[68 FR 27646]
Revision	Vol. 68	May 23, 2003	[68 FR 28606]
Revision	Vol. 68	May 27, 2003	[68 FR 28774]
Revision	Vol. 68	May 28, 2003	[68 FR 31746]
Revision	Vol. 68	May 29, 2003	[68 FR 32172]
Revision	Vol. 68	May 30, 2003	[68 FR 32586]
Revision	Vol. 68	November 13, 2003	[68 FR 64432]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]
Revision	Vol. 69	January 2, 2004	[69 FR 130]
Revision	Vol. 69	February 3, 2004	[69 FR 5038]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 69	April 19, 2004	[69 FR 20968]
Revision	Vol. 69	April 22, 2004	[69 FR 21737]
Revision	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 69	June 15, 2004	[69 FR 33474]
Revision	Vol. 69	July 30, 2004	[69 FR 45944]
Revision	Vol. 69	September 13, 2004	[69 FR 55218]
Revision	Vol. 70	April 15, 2005	[70 FR 19992]
Revision	Vol. 70	May 20, 2005	[70 FR 29400]
Revision	Vol. 70	October 12, 2005	[70 FR 59402]
Revision	Vol. 71	February 16, 2006	[71 FR 8342]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 28, 2006	[71 FR 42898]
Revision	Vol. 71	December 6, 2006	[71 FR 70651]
Revision	Vol. 72	January 3, 2007	[72 FR 26]
Revision	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 72	October 29, 2007	[72 FR 61060]
Revision	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 72	December 26, 2007	[72 FR 73180]
Revision	Vol. 72	December 28, 2007	[72 FR 74088]

40 CFR Part 63 Subpart A			
Federal Register Citation	Volume	Date	Notice
Revision	Vol. 73	January 2, 2008	[73 FR 226]
Revision	Vol. 73	January 9, 2008	[73 FR 1738]
Revision	Vol. 73	January 10, 2008	[73 FR 1916]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	February 7, 2008	[73 FR 7210]
Revision	Vol. 73	March 7, 2008	[73 FR 12275]
Revision	Vol. 73	July 23, 2008	[73 FR 42978]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 74	June 25, 2009	[74 FR 30366]
Revision	Vol. 74	October 28, 2009	[74 FR 55670]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 75	September 13, 2010	[75 FR 55636]
Revision	Vol. 76	February 17, 2011	[76 FR 9450]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 17, 2012	[77 FR 22848]
Revision	Vol. 77	September 11, 2012	[77 FR 55698]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]
Revision	Vol. 78	January 31, 2013	[78 FR 7138]
Revision	Vol. 78	February 1, 2013	[78 FR 7488]
Revision	Vol. 78	June 20, 2013	[78 FR 37133]

Regulation 61-62.63, Subpart F, shall be revised as follows:

Subpart F - "National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry"

The provisions of 40 CFR Part 63 Subpart F, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 1902]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 59	October 28, 1994	[59 FR 54131]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 61	December 5, 1996	[61 FR 64572]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 63	May 12, 1998	[63 FR 26078]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]

40 CFR Part 63 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 21, 2006	[71 FR 76603]

Regulation 61-62.63, Subpart G, shall be revised as follows:

Subpart G - "National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater"

The provisions of 40 CFR Part 63 Subpart G, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart G			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	June 6, 1994	[59 FR 29196]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	December 5, 1996	[61 FR 64572]
Revision	Vol. 62	January 17, 1997	[62 FR 2742**2**]
Revision	Vol. 63	December 9, 1998	[63 FR 67787]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	December 23, 2004	[69 FR 76859]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 21, 2006	[71 FR 76603]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Regulation 61-62.63, Subpart H, shall be revised as follows:

Subpart H - "National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks"

The provisions of 40 CFR Part 63 Subpart H, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart H			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Regulation 61-62.63, Subpart I, shall be revised as follows:

Subpart I - "National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks"

The provisions of 40 CFR Part 63 Subpart I, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart I			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 59	October 28, 1994	[59 FR 54131]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Regulation 61-62.63, Subpart M, shall be revised as follows:

Subpart M - "National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities"

The provisions of 40 CFR Part 63 Subpart M, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart M			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 58	September 22, 1993	[58 FR 49354]
Revision	Vol. 58	December 20, 1993	[58 FR 66287]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 61	June 11, 1996	[61 FR 29485]
Revision	Vol. 61	September 19, 1996	[61 FR 49263]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	July 27, 2006	[71 FR 42724]
Revision	Vol. 71	September 21, 2006	[71 FR 55280]
Revision	Vol. 73	April 1, 2008	[73 FR 17252]
Revision	Vol. 73	July 11, 2008	[73 FR 39871]

Regulation 61-62.63, Subpart N, shall be revised as follows:

Subpart N - "National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks"

The provisions of 40 CFR Part 63 Subpart N, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart N			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	January 25, 1995	[60 FR 4948]
Revision	Vol. 60	May 24, 1995	[60 FR 27598]
Revision	Vol. 60	June 27, 1995	[60 FR 33122]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 62	January 30, 1997	[62 FR 4463]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	July 19, 2004	[69 FR 42885]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 77	September 19, 2012	[77 FR 58220]

Regulation 61-62.63, Subpart O, shall be revised as follows:

Subpart O - "Ethylene Oxide Emission Standards for Sterilization Facilities"

The provisions of 40 CFR Part 63 Subpart O, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart O			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 6, 1994	[59 FR 62585]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 62	December 9, 1997	[62 FR 64736]
Revision	Vol. 63	December 4, 1998	[63 FR 66990]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 66	November 2, 2001	[66 FR 55577]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 7, 2006	[71 FR 17712]

Regulation 61-62.63, Subpart R, shall be revised as follows:

Subpart R - "National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)"

The provisions of 40 CFR Part 63 Subpart R, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart R			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 14, 1994	[59 FR 64303]
Revision	Vol. 60	February 8, 1995	[60 FR 7627]
Revision	Vol. 60	June 26, 1995	[60 FR 32912]
Revision	Vol. 60	August 18, 1995	[60 FR 43244]
Revision	Vol. 60	December 8, 1995	[60 FR 62991]
Revision	Vol. 61	February 29, 1996	[61 FR 7718]
Revision	Vol. 62	February 28, 1997	[62 FR 9087]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]
Revision	Vol. 71	April 6, 2006	[71 FR 17352]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Regulation 61-62.63, Subpart S, shall be revised as follows:

Subpart S - "National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry"

The provisions of 40 CFR Part 63 Subpart S, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	April 15, 1998	[63 FR 18504]
Revision	Vol. 63	August 7, 1998	[63 FR 42238]
Revision	Vol. 63	September 16, 1998	[63 FR 49455]

40 CFR Part 63 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 63	December 28, 1998	[63 FR 71385]
Revision	Vol. 64	April 12, 1999	[64 FR 17555]
Revision	Vol. 65	December 22, 2000	[65 FR 80755]
Revision	Vol. 66	May 14, 2001	[66 FR 24268]
Revision	Vol. 66	October 16, 2001	[66 FR 52537]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 77	September 11, 2012	[77 FR 55698]

Regulation 61-62.63, Subpart T, shall be revised as follows:

Subpart T - "National Emission Standards for Halogenated Solvent Cleaning"

The provisions of 40 CFR Part 63 Subpart T, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart T			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 2, 1994	[59 FR 61801]
Revision	Vol. 59	December 30, 1994	[59 FR 67750]
Revision	Vol. 60	June 5, 1995	[60 FR 29484]
Revision	Vol. 63	May 5, 1998	[63 FR 24749]
Revision	Vol. 63	December 11, 1998	[63 FR 68397]
Revision	Vol. 64	July 13, 1999	[64 FR 37683]
Revision	Vol. 64	August 19, 1999	[64 FR 45187]
Revision	Vol. 64	October 18, 1999	[64 FR 56173]
Revision	Vol. 64	December 3, 1999	[64 FR 67793]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 65	September 8, 2000	[65 FR 54419]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 72	May 3, 2007	[72 FR 25138]

Regulation 61-62.63, Subpart X, shall be revised as follows:

Subpart X - "National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting"

The provisions of 40 CFR Part 63 Subpart X, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	June 23, 1995	[60 FR 32587]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 61	December 12, 1996	[61 FR 65334]

40 CFR Part 63 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 62	June 13, 1997	[62 FR 32210]
Revision	Vol. 63	August 24, 1998	[63 FR 45007]
Revision	Vol. 64	January 29, 1999	[64 FR 4570]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 77	January 5, 2012	[77 FR 556]

Regulation 61-62.63, Subpart Y, shall be revised as follows:

Subpart Y - "National Emission Standards for Marine Tank Vessel Loading Operations"

The provisions of 40 CFR Part 63 Subpart Y, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart Y			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	September 19, 1995	[60 FR 48388]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Regulation 61-62.63, Subpart CC, shall be revised as follows:

Subpart CC - "National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries"

The provisions of 40 CFR Part 63 Subpart CC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	August 18, 1995	[60 FR 43260]
Revision	Vol. 60	September 27, 1995	[60 FR 49976]
Revision	Vol. 61	February 23, 1996	[61 FR 7051]
Revision	Vol. 61	June 12, 1996	[61 FR 29878]
Revision	Vol. 61	June 28, 1996	[61 FR 33799]
Revision	Vol. 62	February 21, 1997	[62 FR 7938]
Revision	Vol. 63	March 20, 1998	[63 FR 13537]
Revision	Vol. 63	May 18, 1998	[63 FR 27212]
Revision	Vol. 63	June 9, 1998	[63 FR 31361]
Revision	Vol. 63	August 18, 1998	[63 FR 44140]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 65	July 6, 2000	[65 FR 41594]
Revision	Vol. 66	May 25, 2001	[66 FR 28840]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

40 CFR Part 63 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 74	October 28, 2009	[74 FR 55670]
Revision	Vol. 75	June 30, 2010	[75 FR 37730]
Revision	Vol. 76	July 18, 2011	[76 FR 42052]
Revision	Vol. 78	June 20, 2013	[78 FR 37133]

Regulation 61-62.63, Subpart DD, shall be revised as follows:

Subpart DD - "National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations"

The provisions of 40 CFR Part 63 Subpart DD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34140]
Revision	Vol. 64	July 20, 1999	[64 FR 38950]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart GG, shall be revised as follows:

Subpart GG - "National Emission Standards for Aerospace Manufacturing and Rework Facilities"

The provisions of 40 CFR Part 63 Subpart GG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	September 1, 1995	[60 FR 45956]
Revision	Vol. 61	February 9, 1996	[61 FR 4903]
Revision	Vol. 61	December 17, 1996	[61 FR 66227]
Revision	Vol. 63	March 27, 1998	[63 FR 15006]
Revision	Vol. 63	September 1, 1998	[63 FR 46526]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 8, 2000	[65 FR 76941]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart II, shall be revised as follows:

Subpart II - "National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)"

The provisions of 40 CFR Part 63 Subpart II, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart II			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 15, 1995	[60 FR 64330]
Revision	Vol. 61	June 18, 1996	[61 FR 30814]
Revision	Vol. 61	December 17, 1996	[61 FR 66226]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	December 29, 2006	[71 FR 78392]
Revision	Vol. 72	February 27, 2007	[72 FR 8630]
Revision	Vol. 76	November 21, 2011	[76 FR 72050]

Regulation 61-62.63, Subpart JJ, shall be revised as follows:
Subpart JJ - "National Emission Standards for Wood Furniture Manufacturing Operations"

The provisions of 40 CFR Part 63 Subpart JJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 7, 1995	[60 FR 62930]
Revision	Vol. 62	June 3, 1997	[62 FR 30257]
Revision	Vol. 62	June 9, 1997	[62 FR 31361]
Revision	Vol. 63	December 28, 1998	[63 FR 71376]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 76	November 21, 2011	[76 FR 72050]

Regulation 61-62.63, Subpart KK, shall be revised as follows:

Subpart KK - "National Emission Standards for the Printing and Publishing Industry"

The provisions of 40 CFR Part 63 Subpart KK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart KK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	May 30, 1996	[61 FR 27132]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	May 24, 2006	[71 FR 29792]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Regulation 61-62.63, Subpart LL, shall be revised as follows:

Subpart LL - "National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants"

The provisions of 40 CFR Part 63 Subpart LL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	October 7, 1997	[62 FR 52407]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	November 2, 2005	[70 FR 66280]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart SS, shall be revised as follows:

Subpart SS - "National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process"

The provisions of 40 CFR Part 63 Subpart SS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart TT, shall be revised as follows:

Subpart TT - "National Emission Standards for Equipment Leaks - Control Level 1"

The provisions of 40 CFR Part 63 Subpart TT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]

Regulation 61-62.63, Subpart UU, shall be revised as follows:

Subpart UU - "National Emission Standards for Equipment Leaks - Control Level 2 Standards"

The provisions of 40 CFR Part 63 Subpart UU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]

Regulation 61-62.63, Subpart WW, shall be revised as follows:

Subpart WW - "National Emission Standards for Storage Vessels (Tanks) - Control Level 2"

The provisions of 40 CFR Part 63 Subpart WW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol.67	July 12, 2002	[67 FR 46258]

Regulation 61-62.63, Subpart YY, shall be revised as follows:

Subpart YY - "National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards"

The provisions of 40 CFR Part 63 Subpart YY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63695]
Revision	Vol. 64	December 22, 1999	[64 FR 71852]
Revision	Vol. 66	November 2, 2001	[66 FR 55844]
Revision	Vol. 67	June 7, 2002	[67 FR 39301]
Revision	Vol. 67	July 12, 2002	[67 FR 46258, 46289]
Revision	Vol. 68	February 10, 2003	[68 FR 6635]
Revision	Vol. 70	April 13, 2005	[70 FR 19266]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 72	June 29, 2007	[72 FR 35663]

Regulation 61-62.63, Subpart EEE, shall be revised as follows:
Subpart EEE - "National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors"

The provisions of 40 CFR Part 63 Subpart EEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	June 19, 1998	[63 FR 33820]
Revision	Vol. 64	September, 30, 1999	[64 FR 52828]
Revision	Vol. 64	November 19, 1999	[64 FR 63209]
Revision	Vol. 65	July 10, 2000	[65 FR 42292]
Revision	Vol. 65	November 9, 2000	[65 FR 67268]
Revision	Vol. 66	May 14, 2001	[66 FR 24270]
Revision	Vol. 66	July 3, 2001	[66 FR 35087]
Revision	Vol. 66	October 15, 2001	[66 FR 52361]
Revision	Vol. 66	December 6, 2001	[66 FR 63313]
Revision	Vol. 67	February 13, 2002	[67 FR 6792]
Revision	Vol. 67	February 14, 2002	[67 FR 6968]
Revision	Vol. 67	December 19, 2002	[67 FR 77687]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 70	June 14, 2005	[70 FR 34538]
Revision	Vol. 70	October 12, 2005	[70 FR 59402]
Revision	Vol. 70	December 19, 2005	[70 FR 75042]
Revision	Vol. 71	March 23, 2006	[71 FR 14655]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	October 25, 2006	[71 FR 62388]
Revision	Vol. 73	April 8, 2008	[73 FR 18970]
Revision	Vol. 73	October 28, 2008	[73 FR 64068]

Regulation 61-62.63, Subpart GGG, shall be revised as follows:

Subpart GGG - "National Emission Standards for Pharmaceuticals Production"

The provisions of 40 CFR Part 63 Subpart GGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	September 21, 1998	[63 FR 50280]
Revision	Vol. 65	August 29, 2000	[65 FR 52588]
Revision	Vol. 66	August 2, 2001	[66 FR 40121]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	May 13, 2005	[70 FR 25671]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Regulation 61-62.63, Subpart JJJ, shall be revised as follows:

Subpart JJJ - "National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins"

The provisions of 40 CFR Part 63 Subpart JJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	September 12, 1996	[61 FR 48208]
Revision	Vol. 61	October 18, 1996	[61 FR 54342]
Revision	Vol. 62	January 14, 1997	[62 FR 1835]
Revision	Vol. 62	June 6, 1997	[62 FR 30993]
Revision	Vol. 62	July 15, 1997	[62 FR 37720]
Revision	Vol. 63	February 27, 1998	[63 FR 9944]
Revision	Vol. 63	March 31, 1998	[63 FR 15312]
Revision	Vol. 64	March 9, 1999	[64 FR 11536]
Revision	Vol. 64	June 8, 1999	[64 FR 30406]
Revision	Vol. 64	June 30, 1999	[64 FR 35023]
Revision	Vol. 65	June 19, 2000	[65 FR 38030]
Revision	Vol. 65	August 29, 2000	[65 FR 52319]
Revision	Vol. 65	October 26, 2000	[65 FR 64161]
Revision	Vol. 66	February 23, 2001	[66 FR 11233]
Revision	Vol. 66	February 26, 2001	[66 FR 11543]
Revision	Vol. 66	July 16, 2001	[66 FR 36924]
Revision	Vol. 66	August 6, 2001	[66 FR 40903]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	June 2, 2004	[69 FR 31008]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Regulation 61-62.63, Subpart LLL, shall be revised as follows:

Subpart LLL - "National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry"

The provisions of 40 CFR Part 63 Subpart LLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 14, 1999	[64 FR 31898]
Revision	Vol. 64	September 30, 1999	[64 FR 52828]
Revision	Vol. 67	April 5, 2002	[67 FR 16614]
Revision	Vol. 67	December 6, 2002	[67 FR 72580]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	December 20, 2006	[71 FR 76518]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 76	January 18, 2011	[76 FR 2832]
Revision	Vol. 78	February 12, 2013	[78 FR 10006]

Regulation 61-62.63, Subpart MMM, shall be revised as follows:

Subpart MMM - "National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production"

The provisions of 40 CFR Part 63 Subpart MMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 23, 1999	[64 FR 33550]
Revision	Vol. 66	November 21, 2001	[66 FR 58393, 58396]
Revision	Vol. 67	March 22, 2002	[67 FR 13508, 13514]
Revision	Vol. 67	May 1, 2002	[67 FR 21579]
Revision	Vol. 67	June 3, 2002	[67 FR 38200]
Revision	Vol. 67	September 20, 2002	[67 FR 59336]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart NNN, shall be revised as follows:

Subpart NNN - "National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing"

The provisions of 40 CFR Part 63 Subpart NNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 14, 1999	[64 FR 31695]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart PPP, shall be revised as follows:

Subpart PPP - "National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production"

The provisions of 40 CFR Part 63 Subpart PPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 1, 1999	[64 FR 29420]
Revision	Vol. 64	June 14, 1999	[64 FR 31895]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

40 CFR Part 63 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 69	July 1, 2004	[69 FR 39862]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart RRR, shall be revised as follows:

Subpart RRR - "National Emission Standards for Hazardous Air Pollutant for Secondary Aluminum Production"

The provisions of 40 CFR Part 63 Subpart RRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	March 23, 2000	[65 FR 15690]
Revision	Vol. 67	June 14, 2002	[67 FR 41118]
Revision	Vol. 67	August 13, 2002	[67 FR 52616]
Revision	Vol. 67	September 24, 2002	[67 FR 59787]
Revision	Vol. 67	November 8, 2002	[67 FR 68038]
Revision	Vol. 67	December 30, 2002	[67 FR 79808]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	September 3, 2004	[69 FR 53980]
Revision	Vol. 70	October 3, 2005	[70 FR 57513]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart HHHH, shall be revised as follows:

Subpart HHHH - "National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production"

The provisions of 40 CFR Part 63 Subpart HHHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	April 11, 2002	[67 FR 17824]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart ZZZZ, shall be revised as follows:

Subpart ZZZZ- "National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines"

The provisions of 40 CFR Part 63 Subpart ZZZZ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart ZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	June 15, 2004	[69 FR 33474]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 75	March 3, 2010	[75 FR 9648]
Revision	Vol. 75	June 30, 2010	[75 FR 37732]
Revision	Vol. 75	August 20, 2010	[75 FR 51570]
Revision	Vol. 76	March 9, 2011	[76 FR 12863]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]
Revision	Vol. 78	March 6, 2013	[78 FR 14457]

Regulation 61-62.63, Subpart EEEEE, shall be revised as follows:

Subpart EEEEE - "National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries"

The provisions of 40 CFR Part 63 Subpart EEEEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	April 22, 2004	[69 FR 21906]
Revision	Vol. 70	May 20, 2005	[70 FR 29400]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	February 7, 2008	[73 FR 7210]

Regulation 61-62.63, Subpart PPPPP, shall be revised as follows:

Subpart PPPPP - "National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands"

The provisions of 40 CFR Part 63 Subpart PPPPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 27, 2003	[68 FR 28774]
Revision	Vol. 68	August 28, 2003	[68 FR 51830]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart UUUUU, shall be revised as follows:

Subpart UUUUU - "National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units"

The provisions of 40 CFR Part 63 Subpart UUUUU, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UUUUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 19, 2012	[77 FR 23399]
Revision	Vol. 77	August 2, 2012	[77 FR 45967]
Revision	Vol. 78	April 24, 2013	[78 FR 24073]

Regulation 61-62.63, Subpart YYYYY, shall be revised as follows:

Subpart YYYYY - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities"

The provisions of 40 CFR Part 63 Subpart YYYYY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YYYYY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 28, 2007	[72 FR 74088]
Revision	Vol. 73	December 1, 2008	[73 FR 72727]
Revision	Vol. 74	February 26, 2009	[74 FR 8756]

Regulation 61-62.63, Subpart EEEEEE, shall be revised as follows:

Subpart EEEEEE - "National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources"

The provisions of 40 CFR Part 63 Subpart EEEEEE, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 3, 2007	[72 FR 36363]

Regulation 61-62.63, Subpart JJJJJJ, shall be added in alpha-numeric order as follows:

Subpart JJJJJJ - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers"

The provisions of 40 CFR Part 63 Subpart JJJJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	September 13, 2004	[69 FR 55217]
Revision	Vol. 70	December 28, 2005	[70 FR 76918]
Revision	Vol. 71	December 6, 2006	[71 FR 70651]
Revision	Vol. 76	March 21, 2011	[76 FR 15554]

40 CFR Part 63 Subpart JJJJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 76	March 21, 2011	[76 FR 15608]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	January 31, 2013	[78 FR 7138]
Revision	Vol. 78	February 1, 2013	[78 FR 7488]

Statement of Need and Reasonableness:

This Statement of Need and Reasonableness was determined by staff analysis pursuant to S.C. Code Section 1-23-115(C)(1)-(3) and (9)-(11).

DESCRIPTION OF REGULATION: 61-62, Air Pollution Control Regulations and Standards.

Purpose: The United States Environmental Protection Agency ("EPA") promulgated amendments to national air quality standards in 2013. The recent federal amendments include clarification, guidance and technical revisions to state implementation plan ("SIP") requirements promulgated pursuant to 42 U.S.C. 7410 & 7413, New Source Performance Standards ("NSPS") mandated by 42 U.S.C. 7411, and federal National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories.

The Department has amended Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, to codify recent federal amendments to the National Ambient Air Quality Standards for Fine Particulate Matter ("$PM_{2.5}$"), Sulfur Dioxide ("SO_2"), and Nitrogen Dioxide ("NO_2") set forth in 40 C. F. R. Part 50.

Additionally, the Department has amended Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards, and Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories, to adopt federal amendments to these standards promulgated from January 1, 2013 through December 31, 2013.

The Department also made changes to Regulation 61-62 that includes corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary.

Legal Authority: Clean Air Act, 42 U.S.C. Sections 7407, 7410, 7413, and 7416, and the South Carolina Pollution Control Act, 1976 Code Section 48-1-10 et seq.

Plan for Implementation: The amendments took effect upon approval by the Board of Health and Environmental Control on September 11, 2014, and publication in the *State Register* on September 26, 2014. These requirements are in place at the federal level and are currently being implemented. A copy of R.61-62, Air Pollution Control Regulations and Standards, that incorporates these amendments, will be made available electronically on the Department's website at http://www.scdhec.gov/Agency/RegulationsAndUpdates/LawsAndRegulations/Air/. The Department will also send an email to stakeholders and will communicate with affected facilities during the permitting process.

DETERMINATION OF NEED AND REASONABLENESS OF THE REGULATION BASED ON ALL FACTORS HEREIN AND EXPECTED BENEFITS:

The EPA promulgates amendments to 40 C.F.R. Parts 51, 52, 60, and 63 throughout each calendar year. Federal amendments in 2013 included new and revised NSPS rules, and NESHAPs for Source Categories. States are mandated by law to adopt these federal amendments. These amendments are reasonable as they promote consistency and ensure compliance with both state and federal regulations.

DETERMINATION OF COSTS AND BENEFITS:

There will be no increased cost to the State or its political subdivisions resulting from these revisions. The standards to be adopted are already applicable to the regulated community as a matter of federal law, thus the regulated community has already incurred the cost of these regulations. The amendments will benefit the regulated community by clarifying the regulations and increasing their ease of use.

UNCERTAINTIES OF ESTIMATES:

There are no uncertainties of estimates relative to the costs to the State or its political subdivisions.

EFFECT ON ENVIRONMENT AND PUBLIC HEALTH:

Adoption of the recent changes in federal regulations through the amendments to Regulation 61-62, Air Pollution Control Regulations and Standards, seeks to provide continued protection of the environment and public health.

DETRIMENTAL EFFECT ON THE ENVIRONMENT AND PUBLIC HEALTH IF THE REGULATIONS ARE NOT IMPLEMENTED:

The State's authority to implement federal requirements, which are beneficial to the public health and environment, could be compromised if these amendments were not adopted in South Carolina.

Document No. 4469
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
CHAPTER 61
Statutory Authority: 1976 Code Sections 44-55-10 et seq.

61-58. State Primary Drinking Water Regulations

Synopsis:

The United State Environmental Protection Agency (USEPA) promulgated a final rule in the Federal Register at 40 CFR Parts 141 and 142 on February 13, 2013 known as *Revisions to the Total Coliform Rule*. The rule is intended to offer a meaningful opportunity for greater public health protection beyond the 1989 *Total Coliform Rule*. Under the new rule, there is no longer a monthly maximum contaminant level (MCL) violation for total coliform detections. Instead, the revisions require systems that have an indication of coliform contamination in the distribution system to assess the problem and take corrective action. As required by Section 1413 of the federal Safe Drinking Water Act, states must revise its public drinking water program to include regulations that are no less stringent than the federal requirements in order to retain primary enforcement responsibility for the drinking water supervision program.

The Department has amended R.61-58, *State Primary Drinking Water Regulations*, to incorporate the above-described federal regulations to maintain conformity with federal requirements found in 40 CFR 141 and maintain primary enforcement authority for the drinking water supervision program. These amendments also revise R.61-58 to correct typographical errors and correct inaccurate references, also to maintain conformity with federal requirements.

These regulations are not subject to legislative review pursuant to S.C. Section 1-23-120(H)(1); as such, neither a fiscal impact statement nor assessment report is required.

Appendix 6

Copy of Legal Authority

LEGAL AUTHORITY[1]

No plan for attaining a goal, the attainment of which is dependent upon regulatory action, can be used with any degree of effectiveness unless the legal framework is strong. Consequently, the Requirements for Preparation, Adoption, and Submittal of Implementation Plans, 40 CFR 51, as amended, define the necessary statutory powers which must be immediately available to states to carry out the responsibility to the Clean Air Act.

40 CFR 51.230 sets forth six specific requirements for State authority. The South Carolina Pollution Control Act, Act 1157 of 1970, as amended, S. C. Code Sections 48-1-10 thru - 350 (1976), provides the State's authority to respond to these requirements. The Attorney General of the State of South Carolina has given an opinion as to the adequacy of South Carolina laws, as follows:

Legal Authority Required 40 CFR 51	Adequacy of S. C. Law	S. C. Statutes Involved
(a) "Adopt emission standards and limitations and any other measures necessary for attainment and maintenance of national standards."	Adequate	S. C. Code Secs. 48-1-20, 48-1-50(23)
(b) "Enforce applicable laws, regulations, & standards, and seek injunctive relief."	Adequate	S. C. Code Sec. 48-1-50(1), (3), (4), (5), (11); Secs. 48-1-120, 48-1-130, 48-1-210, 48-1-320, 48-1-330.
(c) "Abate pollutant emissions on an emergency basis to prevent substantial endangerment to the health of persons, i.e., authority comparable to that available to the Administrator under section 305 of the Act."	Adequate	S. C. Code Sec. 48-1-290.
(d) "Prevent construction, modification, or operation of a facility, building, structure, or installation, or combination thereof, which directly or indirectly results or may result in emissions of any air pollutant at any location which will prevent the attainment or maintenance of a national standard."	Adequate	S. C. Code Sec. 48-1-50(5), (10); Secs. 48-1-100, 48-1-110.
(e) "Obtain Information necessary to determine whether air pollution sources are in compliance with applicable laws, regulations, and standards, Including authority to require recordkeeping and to make inspections and conduct tests of air pollution sources."	Adequate	S. C. Code Sec. 48-1-50(10), (20), (22), (24).
(f) "Require owners or operators of stationary sources to install, maintain, and use emission monitoring devices and to make periodic reports to the State on the nature and amounts of emissions from such stationary sources; also authority for the State to make such data available to the public as reported and as correlated with any applicable emission standards or limitations."	Adequate	S. C. Code Secs. 48-1-50(22), 48-1-270.

[1] Section 2 of the EPA-approved South Carolina Air Quality Implementation Plan (SIP), which defines the State's statutory powers as required in 40 CFR 51.230.

Public Hearings

The South Carolina Pollution Control Act provides for notice and public hearings prior to action by the Board of Health and Environmental Control concerning adoption of regulations and standards, adoption or modification of final compliance dates, and other specified legal actions.

Additionally, Act 176 of 1977 enacted by the South Carolina General Assembly requires, among other things, that at least thirty days public notice be given before adoption, amendment or repeal of any rule. It also requires that the substance of the intended action or a description of the subjects and issues involved be made known. While this act escapes the actual requirement for a public hearing in each case, the two Acts taken together do impose the requirement of a thirty days notice of public hearing, assuring compliance with the requirements of 40 CFR 51.102, as amended.

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

December 19, 2014

Beverly H. Banister, Director
Air Pesticides and Toxics Management Division
US EPA Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street SW
Atlanta GA 30303-8909

Re: South Carolina 111(d)/129 Plan for Commercial and Industrial Solid Waste Incineration (CISWI) Units - Request for Approval

Dear Ms. Banister:

Please find enclosed the South Carolina Designated Facility Plan (111(d)/129) for Commercial and Industrial Solid Waste Incineration (CISWI) units.

New Source Performance Standards (NSPS) for new CISWI units and Emission Guidelines for existing CISWI units were promulgated by the United States Environmental Protection Agency (EPA) and codified in 40 CFR Part 60 Subparts CCCC and DDDD, respectively, on February 7, 2013 (78 FR 9112). The Clean Air Act (CAA) requires that state regulatory agencies implement the NSPS and Emission Guidelines for new and existing sources according to a state plan developed under Sections 111(d) and 129 of the CAA, and that they submit the state plan to the EPA for approval.

The CISWI Rule requires that states submit their plan for EPA approval by February 7, 2014, one year after rule promulgation. The South Carolina Department of Health and Environmental Control (Department), realizing that the process to place Subpart DDDD into regulation would not be completed by February 7, 2014, discussed the issue with the EPA. EPA staff was informed in writing on February 10, 2014 (see Attachment 7), of the Department's plan and schedule to submit a 111/129 Plan for CISWI.

The Department began the process of developing the required 111/129 plan in February 2014, and as part of that process, emission guidelines at 40 CFR Part 60 Subpart DDDD needed to be placed into regulation. Emission guidelines at 40 CFR Part 60 are formally adopted into State regulations as part of an annual procedure referred to as the End-of-Year (EOY) revisions. These EOY revisions incorporate by reference federal amendments published from January 1 through December 31 for the preceding calendar year, in this case 2013.

South Carolina Regulation 61-62.60, *South Carolina Designated Facility Plan and New Source Performance Standards*, was amended to incorporate 40 CFR Part 60 Subparts CCCC and DDDD by reference. We incorporated by reference the emission guidelines in 40 CFR Part 60 Subpart DDDD as part of our 2013 EOY revisions. Public notice of a public hearing and 30 day comment period was published in the SC *State Register* on October 24, 2014. The public hearing was held on November 24, 2014, and no comments were received during the public comment period.

In accordance with Section 129 of the CAA, each state in which an existing CISWI unit is operating is required to submit to the EPA a plan to implement and enforce the emission guidelines within one year from the date of promulgation. This plan consists of applicable compliance and enforcement regulations, a list of affected sources, and emissions inventories for these sources. The Department is proposing to certify that it has addressed the requirements of Sections 111 and 129 and regulations under 40 CFR Part 60 for CISWI units with the submittal of this plan.

The South Carolina Designated Facility Plan for CISWI Units establishes emission limits and other requirements for CISWI units, and implements and provides for enforcement of the various Emission Guidelines promulgated by the EPA in accordance with the requirements of Sections 111(d) and 129 of the CAA and regulations under 40 CFR Part 60.

Enclosed with this letter are copies of the South Carolina Designated Facility Plan for CISWI Units. The electronic version provided is an exact duplication of the enclosed hard copy. Should questions or comments concerning the enclosed plan arise, feel free to contact Myra Reece, Chief, Bureau of Air Quality, at (803) 898-4123 or by email at reecemc@dhec.sc.gov.

Sincerely,

Elizabeth A. Dieck
Director of Environmental Affairs
EQC, SC DHEC

ec: Stan Kukier, EPA Region 4
Myra Reece, Chief, BAQ, SC DHEC
Rhonda Banks Thompson, P.E., Assistant Bureau Chief, BAQ, SC DHEC
Robert J. Brown, Jr., Director, Div. Air Assessment & Regulation, BAQ, SC DHEC
Maeve Mason, Regulation and SIP Management Section, BAQ, SC DHEC
Veronica Barringer, Coastal Plain and Power Permitting Section, BAQ, SC DHEC

Enclosure: South Carolina Designated Facility Plan for CISWI Units as pdf

South Carolina Designated Facility Plan

Sections 111(d)/129 for

Commercial and Industrial Solid Waste Incineration (CISWI) Units

December 19, 2014

Background

Congress added Section 129 to the Clean Air Act (CAA) in 1990 specifically to address emissions from solid waste combustion. Section 111(b) of the 1990 CAA requires the United States Environmental Protection Agency ("EPA") to establish New Source Performance Standards ("NSPS") for new sources, and CAA Section 111(d) requires the EPA to establish procedures for states to submit plans for implementing emission guidelines ("EG") for existing sources.

Section 129 of the CAA entitled "Solid Waste Combustion," requires the EPA to develop and adopt NSPS and EG for solid waste incineration units, including "commercial and industrial solid waste incineration (CISWI) units," pursuant to CAA Section 111. Under Section 111(d) of the CAA, any state with one or more affected CISWI units must develop and submit to the EPA a "State Plan" to implement the emission guidelines.

Per 78 FR 9112, a CISWI unit is a device that is used to burn solid waste at a commercial or industrial facility. On February 7, 2013, the EPA amended the Code of Federal Regulations ("CFR"), Title 40, Part 60, Subpart DDDD, Emission Guidelines for Existing Sources: Commercial and Industrial Solid Waste Incineration ("CISWI") units [78 FR 9112]. Developed under Sections 111 and 129 of the CAA, the emission guidelines of subpart DDDD apply to existing CISWI units that commenced construction on or before June 4, 2010, or commenced modification or reconstruction after June 4, 2010, but no later than August 7, 2013. Subparts B and DDDD specify the content and the conditions for developing and adopting a Section 111(d) State Plan. The rules for new sources (CCCC) are referred to as NSPS while rules for existing sources (DDDD) are referred to as EG.

Based upon the authority afforded to it by the EPA [66 FR 16606], granting South Carolina adopt-by-reference NSPS delegation, emission guidelines at 40 CFR Part 60 are formally adopted into state regulations as part of an annual procedure referred to as the End-of-Year (EOY) revisions (see also Attachment 8). These EOY revisions incorporate by reference federal amendments published from January 1 through December 31 for the preceding calendar year. Per this process, the final CISWI Rule, having been promulgated in 2013, could not be incorporated into SC Regulation 61-62.60 until fall 2014.

As stated earlier, the CISWI Rule requires that states submit their plan for EPA approval by February 7, 2014, one (1) year after rule promulgation. The Department realizing that the process to place Subpart DDDD into regulation would not be completed by February 7, 2014, discussed the issue with the EPA. EPA staff were informed in writing on February 10, 2014 (see Attachment 7), of the Department's plan and schedule to eventually submit a 111/129 Plan for CISWI.

In addition, the Department informally began the process of identifying CISWI sources (see Attachment 2), by evaluating permitting and emission inventory files and contacting potentially affected sources (see Attachment 3). The Department formally began developing the required 111/129 plan in February 2014, as part of the aforementioned EOY process, which incorporated by reference federal amendments published from January 1 through December 31, 2013.

On September 11, 2014, South Carolina Regulation 61-62.60, *South Carolina Designated Facility Plan and New Source Performance Standards (NSPS),* was amended to incorporate the

aforementioned changes to 40 CFR Part 60 Subparts CCCC and DDDD by reference. These amendments establish emission limits and other requirements for CISWI units, and implement and provide for enforcement of the various EG promulgated by the EPA. These amendments were approved during a public hearing conducted by the Board of the South Carolina Department of Health and Environmental Control and were state effective upon publication in the SC *State Register* on September 26, 2014 (see Attachment 5). Public notice of a public hearing on November 24, 2014, and 30 day comment period was published in the SC State Register on October 24, 2014 (see Attachment 6).

In accordance with Section 129 of the CAA, each state in which an existing CISWI unit is operating is required to submit to the EPA a plan to implement and enforce the emission guidelines within one year from the date of promulgation. This plan consists of applicable compliance and enforcement regulations, a list of affected sources, and emissions inventories for these sources. The Department is proposing to certify that it has addressed the requirements of Sections 111 and 129 and regulations under 40 CFR Part 60 for CISWI units with the submittal of this plan.

The compliance date for existing CISWI sources subject to standards in this final rule is five (5) years after the date of publication of this final rule or three (3) years after the state plan is approved, whichever happens earlier. This date is being finalized in order to provide facilities sufficient time to install controls or to make other compliance-related decisions. However, the CAA Section 129(f)(2) does require that the promulgated standards be effective "as expeditiously as practicable after approval of a State plan," so that states have the flexibility to determine that the standards for existing units within their purview may have a compliance date which is less than the allowable three (3) years following approval of the state plan. For new sources, the EPA is finalizing the proposed change of the compliance date to six (6) months after the date of publication of the final reconsideration rule or at startup, whichever is later.

Affected existing facilities (subject to Subpart DDDD) are required to submit completed Title V permit applications to their state authority on or by 12 months after the effective date of state plan approval; 12 months after the effective date of any applicable federal plan; or by February 7, 2015, whichever is earliest. The final compliance date for this regulation is February 7, 2018, or three (3) years after the effective date of state plan approval, whichever is sooner. The State of South Carolina has eleven (11) facilities that would be affected by the above rule (see Attachment 1).

Certification of Plan Elements

The CAA directs state regulatory agencies to implement the EG according to a State Plan developed under Sections 111(d) and 129 of the CAA and to submit the State Plan to EPA within one (1) year after EPA's promulgation of the EG (i.e., by February 7, 2014, for the amended EG). To be approved by EPA, the State Plans need to contain specific information and the legal mechanisms necessary to implement the EG. The minimum requirements set forth in CAA Section 129 and in 40 CFR Part 60, are listed below.

1. A demonstration of the state's legal authority to carry out the Section 111(d)/129 State Plan and identification of enforceable mechanisms, including:

- a list in the enforcement section of the State Plan indicating the consequences for sources not in compliance and the authority under which a state can shut down/close a source; and
- a reference to Section 129(f)(3) ("PROHIBITION"), which prohibits a plant from operating if it does not comply with the standard.

2. An inventory of sources in the state affected by the EG, including to the best of the state's knowledge, CISWI that have shut down and are capable of restarting, and including:
- a statement preceding the inventory which says that sources subject to the standard "include but are not limited to" the inventory in the State Plan, and
- an additional statement that says, "should another source be discovered subsequent to this notice, there will be no need to reopen the State Plan." [40 CFR 60.25(a)]

3. An inventory of emissions from CISWI operating in the state. [40 CFR 60.25(a) and (c)]

4. Emission limits for CISWI that are at least as protective as those in the EG.
[CAA Section 129(b)(2), 40 CFR 60.24(a)-(c), 40 CFR 60.2105, and 40 CFR 60.2670]

5. Testing and monitoring requirements at least as protective as those in the EG.
[CAA Section 129(b)(2) and 40 CFR 60.24(b)(2), 40 CFR 60.25(b), 40 CFR 60.2125-.2160 and 40 CFR 60.2165-.2170, and 40 CFR 60.2690-.2695 and 40 CFR 60.2730-.2735]

6. Reporting and recordkeeping requirements at least as protective as those in the EG.
[CAA Section 129(b)(2), 40 CFR 60.25(b)(1), 40 CFR 60.2175-.2240, and 40 CFR 60.2740-.2800]

7. Operator training and qualification requirements at least as protective as those in the EG.
[CAA Section 129(b)(2) and (d), 40 CFR 60.2070-.2100, and 40 CFR 60.2635-.2665]

8. Inspection requirements at least as protective as those in the EG. [CAA Section 129(b)(2) and 40 CFR 60.25(b)(2), 40 CFR 60.2141-.2151, and 40 CFR 60.2706-.2716]

9. Waste management plan requirements at least as protective as those in the EG.
[CAA Section 129(b)(2), 40 CFR 60.2055-.2065, and 40 CFR 60.2625]

10. Compliance schedules (including increments of progress for compliance schedules which extend beyond one (1) year after State Plan approval). [40 CFR 60.24(a) and (e)(1), 40 CFR 60.2135-.2160, and 40 CFR 60.2700-.2725]

11. An expeditious final compliance date not later than three (3) years after approval of the revised or new State Plan or February 7, 2018, whichever is earlier. [CAA Section 129(b)(2) and (f)(2)]

12. A record of public hearing(s) on the State Plan. [40 CFR 60.23(f)(1) and (2)]

13. Provision for state progress reports to EPA. [40 CFR 60.25(e) and (f)]

	CAA	129 Plan	Subpart CCCC	Subpart DDDD
1. State's Legal Authority	129(f)(3)	40 CFR 60.26		
2. An Inventory of Sources		40 CFR 60.25(a)		
3. Inventory of Emissions		40 CFR 60.25(a) and (c)		
4. Emission Limits	129(b)(2)	40 CFR 60.24(a)-(c)	40 CFR 60.2105	40 CFR 60.2670
5. Testing and Monitoring Requirements	129(b)(2)	40 CFR 60.24(b)(2) and 40 CFR 60.25(b)	40 CFR 60.2125-.2160 and 40 CFR 60.2165-.2170	40 CFR 60.2690-.2695 and 40 CFR 60.2730-.2735
6. Reporting and Recordkeeping Requirements	129(b)(2)		40 CFR 60.2175-.2240	40 CFR 60.2740-.2800
7. Operator Training and Qualification	129(b)(2) and (d)		40 CFR 60.2070-.2100	40 CFR 60.2635-.2665
8. Inspection Requirements	129(b)(2)		40 CFR 60.2141-.2151	40 CFR 60.2706-.2716
9. Waste Management Plan Requirements	129(b)(2)		40 CFR 60.2055-.2065	40 CFR 60.2625
10. Compliance Schedules		40 CFR 60.24(a) and (e)(1)	40 CFR 60.2135-.2160	40 CFR 60.2700-.2725
11. Final Compliance Date	129(b)(2) and (f)(2)	40 CFR 60.24		
12. Record of Public Hearings		40 CFR 60.23(f)(1) and (2)		
13. Provision for State Progress Reports to EPA		40 CFR 60.25(e) and (f)		

The plan, as appended, includes the following:

Attachment 1: Inventory of Sources Affected by Emission Guidelines for CISWI Units;

Attachment 2: Certification of the Status of CISWI Units;

Attachment 3: Inventories of Emissions of CISWI Units, if available;

- Argos USA, Harleyville Cement Plant
- Crane Merchandising Systems Dixie-Narco
- DAK Americas, LLC

- IFCO Systems North America
- Lee's Landing Mine
- Milliken (Blackburg, SC)
- Milliken (Pendleton, SC)
- North American Container Corporation
- Pickens County Solid Waste Department
- Tri-County Pallet Company
- Ulmer Brothers, Inc.

Attachment 4: Transcript from November 24, 2014, Public Hearing;

Attachment 5: State Register Notice of Final Regulation, September 26, 2014;

Attachment 6: State Register Notice of Public Comment, October 24, 2014;

Attachment 7: Department Letter to EPA Outlining Delayed Submission of CISWI Plan; and

Attachment 8: South Carolina's Legal Authority to Adopt and Implement the 111(d)/129 State Plan for CISWI Units.

Attachment 1

Inventory of Sources Affected by Emission Guidelines for CISWI Units

The following is a list of sources in South Carolina that are subject to the provisions of 40 CFR part 60, NSPS subparts CCCC and DDDD – Emission Guidelines for CISWI Units.

The list includes, but is not limited to, those sources listed below. Should another applicable source be discovered or established subsequent to this plan, it will be subject to the requirements of the State 111(d)/129 CISWI Plan as described herein.

Argos
463 Judge Street
Harleyville, SC 29448
Permit #TV-0900-0004

Crane Merchandising Systems Dixie-Narco
3330 Dixie Narco Blvd.
Williston SC, 29853
Permit # 0300-0008

DAK Americas
570 K Avenue
Gaston, SC 29053-8256
Permit # TV-0460-0029

IFCO Systems North America
2174 Quarry Rd.
Gray Court SC, 29645
Permit # 1520-0044

Lee's Landing Mine
P.O. Box 249
Aynor SC, 29511
Permit # 1340-0112

Milliken
Pendleton Finishing
200 Excelsior Mill Rd.
Pendleton, SC 29670
Permit #0200-0011

Milliken
Magnolia Plt
157 New Milliken Rd.
Blacksburg, SC
Permit #0600-0007

North American Container Corporation
950 Garland Rd.
Rowesville SC, 29133
Permit # 1860-0077

Pickins County Landfill
2047 Old Liberty Rd.
Liberty SC, 29657
Permit # 1880-0062

Tri-County Pallet
P.O. Box 624
Barnwell, SC 29812
Permit # 0300-0026

Ulmer Brothers, Inc.
P.O. Box 469
Bluffton, SC 29910
Permit # 0360-0031

Attachment 2

Certification of the Status of CISWI Units

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

Company Name
Address
City, State, Zip

Re: Rules for Existing Commercial and Industrial Solid Waste Incinerators

To the Attention of:

The United States Environmental Protection Agency (EPA) promulgated final rules for commercial and industrial solid waste incinerator (CISWI) units pursuant to the requirements of section 111 and 129 of the Clean Air Act (CAA). The rules for CISWI units were made final in the February 7, 2013 *Federal Register* [78 FR 9112], and were codified under 40 CFR part 60, NSPS subparts CCCC and DDDD.

The rules for new sources (CCCC) are referred to as New Source Performance Standards (NSPS) while rules for existing sources (DDDD) are referred to as Emission Guidelines (EG). In accordance with section 129 of the CAA, each state in which an existing source is operating is required to submit to the EPA a plan to implement and enforce the emission guidelines within one year from the date of promulgation. This plan consists of regulations, a list of affected sources and emissions inventories for these sources. Based on our process for incorporating NSPSs and EGs into our regulations, it is unlikely that we will meet the 1 year deadline for the submittal of an approvable plan and are currently requesting an extension from the EPA. However, the South Carolina Department of Health and Environmental Control (Department) is moving forward in gathering all information required for developing the 129 plan.

In order to comply with the Federal requirements in submitting the plan, the Department has determined that your unit may be subject to these regulations. To assist the Department in completing this plan, we ask that you review the CISWI determination document and complete the certification form. The form should be signed by your Responsible Official or the owner/operator of the facility and returned in the enclosed self-addressed envelope within fourteen (14) days of your receipt of this letter. Failure to submit the completed certification within the specified time period will result in the Department assuming that the unit(s) specified in the attached form(s) is/are subject to these regulations. Any questions regarding the certification form and information contained in this letter should be directed to Andrew Hollis at (803) 898-4196.

Sincerely,

Maeve Mason, Manager
Regulation and SIP Management Section
Bureau of Air Quality

cc Permit File: TV ####-####

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) (YES) NO

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	Argos Cement, LLC
Primary SIC	3241
BAQ Permit Number	0900-0004

2. Unit (Point) Information	
Unit ID	4KL280
Unit Description	Kiln

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	Christine Iddins
Name	Christine Iddins
Official Title	Plant Manager

Please return completed Certification form within fourteen (14) days of receipt

DAK Americas

April 10, 2014

CERTIFIED MAIL

Ms. Maeve Mason
Regulation and SIP Management Section
Bureau of Air Quality
S.C. Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Subject: CISWI Certification Form
Reference: TV-0460-0029

Dear Ms. Mason:

DAK Americas LLC Columbia Site is submitting this reply to your request received April 2, 2014 regarding CISWI units under NSPS subparts CCCC and DDDD. Per your request, we have reviewed the CISWI determination document and, as our EUID #33 is subject to the NSPS rules for solid waste incinerators, we have completed the certification form. Said form is enclosed with this letter.

A second form was supplied with the requesting letter. This EUID# is not located at this facility and, therefore, the form is being returned with a note indicating such.

If you have any questions concerning this information, please contact me at the numbers below.

Very truly yours,

Scott Adams
Environmental Engineer
DAK Americas, LLC

O: 803.936.4029
M: 803.606.4836

Enclosures

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) (YES) NO

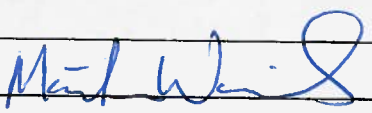
(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	DAK Americas
Primary SIC	2865
BAQ Permit Number	TV-0460-0029

2. Unit (Point) Information	
Unit ID	ID 33
Unit Description	Fluidized Incinerator

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	
Name	Matthew Warrick
Official Title	VP of Operations

Please return completed Certification form within fourteen (14) days of receipt

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) YES NO

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	DAK Americas
Primary SIC	2865
BAQ Permit Number	TV-0420-0089 *

2. Unit (Point) Information	
Unit ID	E-601 *
Unit Description	Boiler #2 to vaporizer 2

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	
Name	
Official Title	

Please return completed Certification form within fourteen (14) days of receipt

* This unit is not located at this facility. *

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) (YES) NO

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	Lee's Landing Mine
Primary SIC	4953
BAQ Permit Number	1340-0112

2. Unit (Point) Information	
Unit ID	ID001
Unit Description	Air Curtain Incinerator

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	Shannon Bell
Name	Shannon Bell
Official Title	Operator

Please return completed Certification form within fourteen (14) days of receipt

pendleton

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) (YES) NO

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	Milliken
Primary SIC	2261
BAQ Permit Number	TV-0200-0011

2. Unit (Point) Information	
Unit ID	ID-03
Unit Description	Coal Boiler

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	Stacey Chapman
Name	STACEY CHAPMAN
Official Title	MANUFACTURING MANAGER

Please return completed Certification form within fourteen (14) days of receipt

Magnolia

DHEC
PROMOTE PROTECT PROSPER
South Carolina Department of Health and Environmental Control

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) (YES) NO

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	Milliken
Primary SIC	2261
BAQ Permit Number	TV-0600-0007

2. Unit (Point) Information	
Unit ID	ID 10, 12, 13
Unit Description	Boilers

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	
Name	John Jacobs
Official Title	Plant Manager

Please return completed Certification form within fourteen (14) days of receipt

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) YES NO

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	North American Container Corporation
Primary SIC	2449
BAQ Permit Number	1860-0077

2. Unit (Point) Information	
Unit ID	ID 03
Unit Description	Air Curtain Incinerator

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	4/3/2014
Name	Ben Akin
Official Title	Plant Manager

Please return completed Certification form within fourteen (14) days of receipt

D H E C

South Carolina Department of Health and Environmental Control

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) YES NO

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	Pickens County Landfill
Primary SIC	4953
BAQ Permit Number	1880-0062

2. Unit (Point) Information	
Unit ID	ID01
Unit Description	Air Curtain Incinerator

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	Louise Ponder
Name	Louise Ponder
Official Title	Deputy Director Public Works

Please return completed Certification form within fourteen (14) days of receipt

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

RECEIVED

APR 15 2014

BUREAU OF AIR QUALITY

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) YES NO

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	Tri-County Pallet
Primary SIC	2448
BAQ Permit Number	0300-0026

2. Unit (Point) Information	
Unit ID	ID 01
Unit Description	Air Curtain Incinerator

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	Paul Brantley
Name	J. PAUL BRANTLEY
Official Title	PRESIDENT

Please return completed Certification form within fourteen (14) days of receipt

D H E C

PROMOTE PROTECT PROSPER

South Carolina Department of Health and Environmental Control

RECEIVED

APR 10 2014

BUREAU OF AIR QUALITY

CISWI UNIT CERTIFICATION

The rules for commercial and industrial solid waste incinerator (CISWI) units were published in the *Federal Register* on February 7, 2013 [78 FR 9112], under 40 CFR part 60, subparts CCCC and DDDD.

To the best of your knowledge, is the unit specified on this form subject to the rules for CISWI units listed above (circle one) (YES) NO Air curtain incinerator consuming 100% natural wood waste may be subject to limited requirements of CISWI

(If incineration unit is no longer in use, when did operation of unit cease? Date: / /)

1. Plant Information	
Plant Name	Ulmer Brothers, Inc
Primary SIC	1629
BAQ Permit Number	0360-0031

2. Unit (Point) Information	
Unit ID	ID 01
Unit Description	Air Curtain Incinerator

I certify that I have personally examined and am familiar with the statements and information contained in this form. To the best of my knowledge, after reasonable inquiry, I believe the statements contained herein to be true, accurate and complete.

Signature of Responsible Official

Signature	A Ulmer Jr
Name	Alan A. Ulmer, Jr.
Official Title	Operator

Please return completed Certification form within fourteen (14) days of receipt

Attachment 3

Emissions Inventories of CISWI Units

CISWI UNITS

Facility Name	*Permit Number*	*Primary SIC*	*Source ID*	*Source Description*	*Waste(s)*	*Inventory Information*
Argos	TV-0900-0004	3241	4KL280	Kiln	Diesel, Coal, Tires	attached
Crane Merchandising Systems Dixie-Narco	0300-0008	3581	ID 08	Air Curtain Incinerator	Clean untreated wood	currently a minor source; no inventory required
DAK Americas	TV-0460-0029	2865	ID 33	Fluidized Incinerator - ID 33	Sludge	attached
IFCO Systems North America	1520-0044	4953	ID 01	Air Curtain Incinerator	Clean untreated wood	state major; no recent inventory information available
Lee's Landing Mine	1340-0112	4953	ID001	Air Curtain Incinerator	Clean untreated wood	conditional major source; no recent inventory information available
Milliken	0200-0011	2261	ID 03	Coal Boiler - ID 03	Biosolids as secondary fuel	attached
Milliken	0600-0007	2261	ID 10, 12, 13	Boilers - ID 10, 12, 13	Wastewater Sludge	attached
North American Container Corporation	1860-0077	2449	ID03	Air Curtain Incinerator	Clean untreated wood	attached
Pickens County Landfill	1880-0062	4953	ID01	Air Curtain Incinerator	Clean untreated wood	attached
Tri-County Pallet	0300-0026	2448	ID 01	Air Curtain Incinerator	Clean untreated wood	currently a minor source; no inventory required
Ulmer Brothers, Inc.	0360-0031	1629	ID 01	Air Curtain Incinerator	Clean untreated wood	conditional major source; no recent inventory information available

Emissions Inventory of CISWI Unit

Argos USA, Harleyville Cement Plant

SCDHEC

Detailed Emissions Inventory Report for **ARGOS CEMENT LLC HARLEYVILLE CEMENT PLAN**

From EI Data Year 2013

Permit: **0900-0004** County: **035-Dorchester** EQC Region: **Charleston EQC** Year of Emissions: **2013**

Plant Location:
463 JUDGE ST
HARLEYVILLE, SC

Latitude: **33º13'34"**
Longitude: **80º27'10"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3674.875**
UTM Horizontal: **551.417**

Contacts
Emissions: **VINCE MARTIN** **(843)462-7651** **x3191**
Billing: **VINCE MARTIN** **(843)462-7651** **x3191**
Principal Product: **PORTLAND CEMENT**

Telephone Numbers

Mailing Address:
ARGOS CEMENT LLC HARLEYVILLE CEMI
463 JUDGE ST
HARLEYVILLE, SC 29448

Standard Industrial Classification:
3241 Cement, Hydraulic

North American Industrial Classification:
327310 Cement Manufacturing

Facility Class: **A** Inventory Type **A (P)** No. Employees: **125**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **1100.0**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
NITROUS OXIDE (N2O) , NOT (NO2) (CAS:10024972)								**4.3651**	**4.365148**
ETHYL BENZENE (CAS:100414)	**X**		**X**	**X**				**2.052E-5**	
TOLUENE (CAS:108883)	**X**		**X**	**X**				**1.872E-4**	
HEXANE (CAS:110543)	**X**		**X**	**X**				**9.329E-6**	
ANTHRACENE (CAS:120127)	**X**		**X**	**X**				**4.690E-7**	
PYRENE (CAS:129000)	**X**		**X**	**X**				**0.0015**	
XYLENE (MIXED ISOMERS) (CAS:1330207)	**X**		**X**	**X**				**4.629E-4**	
BENZO(G,H,I)PERYLENE (CAS:191242)	**X**		**X**	**X**				**2.688E-5**	
INDENO(1,2,3-CD)PYRENE (CAS:193395)	**X**		**X**	**X**				**2.998E-5**	
BENZO(B)FLUORANTHENE (CAS:205992)	**X**		**X**	**X**				**1.929E-4**	
FLUORANTHENE (CAS:206440)	**X**		**X**	**X**				**0.0030**	
BENZO(K)FLUORANTHENE (CAS:207089)	**X**		**X**	**X**				**5.169E-5**	
ACENAPHTHYLENE (CAS:208968)	**X**		**X**	**X**				**0.0414**	
CHRYSENE (CAS:218019)	**X**		**X**	**X**				**5.522E-5**	
FORMALDEHYDE (CAS:50000)	**X**		**X**	**X**		**X**		**0.1588**	
BENZO(A)PYRENE (CAS:50328)	**X**		**X**	**X**				**4.480E-5**	
DIBENZO(A,H)ANTHRACENE (CAS:53703)	**X**		**X**	**X**				**2.171E-4**	
BENZ(A)ANTHRACENE (CAS:56553)	**X**		**X**	**X**				**1.523E-5**	
Dibenzofurans (Chlorinated) {PCDFs} (CAS:609)	**X**		**X**	**X**				**1.220E-6**	
Dioxins, Total, w/o Individ. Isomers Reported {PCDDs} (CAS:610)	**X**		**X**	**X**				**1.840E-7**	

Permit: **0900-0004** County: **035-Dorchester** EQC Region: **Charleston EQC** Year of Emissions: **2013**

Plant Location:
463 JUDGE ST
HARLEYVILLE, SC

Latitude: **33º13'34"**
Longitude: **80º27'10"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3674.875**
UTM Horizontal: **551.417**

Contacts
Emissions: **VINCE MARTIN** **(843)462-7651** **x3191**
Billing: **VINCE MARTIN** **(843)462-7651** **x3191**
Principal Product: **PORTLAND CEMENT**

Telephone Numbers

Mailing Address:
ARGOS CEMENT LLC HARLEYVILLE CEMI
463 JUDGE ST
HARLEYVILLE, SC 29448

Standard Industrial Classification:
3241 Cement, Hydraulic

North American Industrial Classification:
327310 Cement Manufacturing

Facility Class: **A** Inventory Type **A (P)** No. Employees: **125**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **1100.0**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
BENZENE (CAS:71432)	**X**		**X**	**X**				**5.5145**	
SULFUR TRIOXIDE (CAS:7446119)						**X**		**4.8250**	**4.824985**
METHANE (CAS:74828)						**X**		**16.1856**	**16.18558**
ETHANE (CAS:74840)						**X**		**2.3054**	**2.30537**
ACETALDEHYDE (CAS:75070)	**X**		**X**	**X**		**X**		**1.923E-4**	
HYDROCHLORIC ACID (CAS:7647010)		**X**			**X**	**X**		**6.2338**	**6.233828**
PHENANTHRENE (CAS:85018)	**X**		**X**	**X**				**0.1344**	
FLUORENE (CAS:86737)	**X**		**X**	**X**				**0.0066**	
NAPHTHALENE (CAS:91203)	**X**		**X**	**X**				**0.5859**	
1,2,4 TRIMETHYLBENZENE (CAS:95636)	**X**							**3.852E-4**	
ARSENIC & COMPOUNDS (AS)		**X**			**X**			**0.0023**	
BERYLLIUM & COMPOUNDS (BE)		**X**			**X**			**2.851E-4**	
CADMIUM & COMPOUNDS (CD)		**X**			**X**			**0.0011**	
CARBON MONOXIDE (CO)							**A**	**2917.9370**	
CARBON DIOXIDE (CO2)								**620396.4000**	
COBALT COMPOUNDS (COC)		**X**			**X**			**0.0455**	
CHROMIUM COMPOUNDS (CRC)		**X**			**X**			**0.0178**	
FLUORIDES (FL)								**0.4998**	**.499843**
MERCURY & COMPOUNDS (HG)		**X**			**X**		**A**	**0.0328**	
MANGANESE & COMPOUNDS (MNC)		**X**			**X**			**0.1266**	

Permit: **0900-0004** County: **035-Dorchester** EQC Region: **Charleston EQC** Year of Emissions: **2013**

Plant Location:
463 JUDGE ST
HARLEYVILLE, SC

Mailing Address:
ARGOS CEMENT LLC HARLEYVILLE CEMI
463 JUDGE ST
HARLEYVILLE, SC 29448

Latitude: **33º13'34"**
Longitude: **80º27'10"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3674.875**
UTM Horizontal: **551.417**

Contacts
Emissions: **VINCE MARTIN** **(843)462-7651** **x3191**
Billing: **VINCE MARTIN** **(843)462-7651** **x3191**
Principal Product: **PORTLAND CEMENT**
Standard Industrial Classification:
3241 Cement, Hydraulic

Facility Class: **A** Inventory Type **A (P)** No. Employees: **125**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **1100.0**

North American Industrial Classification:
327310 Cement Manufacturing

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
AMMONIA (NH3)						**X**		**3.4464**	**3.446418**
NICKEL & COMPOUNDS (NI)		**X**			**X**		**A**	**0.0236**	
NITROGEN DIOXIDE (NO2)							**A**	**1501.0340**	**1501.034**
LEAD & COMPOUNDS (PB)		**X**			**X**			**0.0198**	
PM (LESS THAN 10 MICRONS) (PM10)							**A**	**255.8607**	
PM (LESS THAN 2.5 MICRONS) (PM2.5)								**173.7354**	
PARTICULATE MATTER (TOTAL) (PT)							**A**	**298.4639**	**298.4639**
ANTIMONY & COMPOUNDS (SB)		**X**			**X**			**0.0011**	
SELENIUM & COMPOUNDS (SE)		**X**			**X**			**0.0689**	
SULFUR DIOXIDE (SO2)						**X**	**A**	**47.6476**	**47.64755**
VOLATILE ORGANIC COMPOUNDS (VOC)							**B**	**81.2225**	**81.22254**

Total VOC HAPs: 6.4476 Total Non VOC HAPs: 6.5736 Total HAPs: 13.0213

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
001	**QUARRY/RAW MAT. HANDLING**												
001/1	**MMD QUARRY CRUSHER**	**30502002**	**1086691**	Tons Raw Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					PM10	**9**	**0.00054**	PM (LESS THAN 10 MICRONS)			**0.2934**		
					PM2.5	**9**	**0.0001**	PM (LESS THAN 2.5 MICRONS)			**0.0543**		
					PT	**9**	**0.0012**	PARTICULATE MATTER (TOTAL)			**0.6520**		
001/2	**B2 MARL CONVEYOR**	**30500612**	**1086691**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
001/3	**STAMLER FEEDER**	**30500612**	**1086691**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
001/4	**CLAY BOX FEEDER SYSTEM**	**30500612**	**12575.37**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**9.35E-4**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**1.42E-4**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0020**		
001/5	**ASH BOX FEEDER SYSTEM**	**30500612**	**130794.0**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0318**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0048**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0673**		
001/6	**MARL BOX FEEDER SYSTEM**	**30500612**	**1086691**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
001/7	**IRON ORE FEEDER SYSTEM**	**30500612**	**21362.05**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0242**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0037**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0512**		
001/8	**OLD QUARRY CRUSHER**	**30500609**	**1086691**	Tons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
001/9	**B5 MOBILE MARL BELT CONV.**	**30500612**	**1086691**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
001/10	**B6 MARL BELT CONV.**	**30500612**	**1086691**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
001/11	**MARL CONV/RADIAL STACKER**	**30500612**	**1086691**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
001/12	**B4 MOBILE MARL BELT CONV.**	**30500612**	**1086691**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
001/13	**FMFS5-MATERIAL HOPPER**	**30500612**	**100890.2**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0317**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0048**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0670**		
001/14	**FMFS5-CONVEYOR BELT**	**30500612**	**100890.2**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0317**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0048**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0670**		
001/15	**FMFS5-WEIGH FEEDER**	**30500612**	**100890.2**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0317**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0048**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0670**		
002	**KILN SYSTEM EQUIPMENT**												

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
002/1	2 COAL RECLAIM HOPPERS	30502006	66070.23	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0284		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0043		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0600		
002/2	RECLAIM CONV TO COAL DAY	30502006	66070.23	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0284		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0043		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0600		
002/3	SOUTH COAL DAY TANK	30502006	66070.23	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0284		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0043		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0600		
002/4	PRECAL COAL DAY TANK	30502006	66070.23	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0284		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0043		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0600		
002/5	COAL CYCLONE DUST COLLECR	30502006		Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
002/6	COAL DAY TNK SCREW CONV	30502006	66070.23	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0284		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0043		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0600		
002/7	PRECAL COAL TNK BELT CONV	30502006	66070.23	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0284		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0043		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0600		
002/8	672 KILN COAL MILL FEED C	30502006	66070.23	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM10	3		PM (LESS THAN 10 MICRONS)			0.0284		
						PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0043		
						PT	3		PARTICULATE MATTER (TOTAL)			0.0600		
002	9 672 KILN COAL MILL	30502005	26428.09	Tons Material Processed									08/08/2014	C7C
002	10 COAL TRANSFR FRM C32 BELT	30502006	66070.23	Tons Raw Material Processed	42	- FUGITIVE DEFAULT EP							08/08/2014	C7C
						PM10	3		PM (LESS THAN 10 MICRONS)			0.0284		
						PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0043		
						PT	3		PARTICULATE MATTER (TOTAL)			0.0600		
002	11 BLEND SILO	30500699	1139945	Tons Cement Produced	9	- BLEND SILO							08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.900	5.5490		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	2.9727		
						PT	3		PARTICULATE MATTER (TOTAL)		99.900	6.6060		
002	12 RAW MEAL FK PUMP	30500699	1139945	Tons Cement Produced	9	- BLEND SILO							08/08/2014	C7C
002	13 PNEUMATIC PIPING TO BLEND	30500699	1139945	Tons Cement Produced	9	- BLEND SILO							08/08/2014	C7C
002	14 BLEND SILO AIRSLIDES	30500699	1139945	Tons Cement Produced	9	- BLEND SILO							08/08/2014	C7C
002	15 FOUR STAGE PREHEATER	30500699	689283.7	Tons Cement Produced	1	- KILN BAGHOUSE							08/08/2014	C7C
002	16 PRECALCINER	30500699	689283.7	Tons Cement Produced	1	- KILN BAGHOUSE							08/08/2014	C7C
002	17 TIRE FUEL SYSTEM	30500699	534.6400	Tons Cement Produced	1	- KILN BAGHOUSE							08/08/2014	LLB
002	18 KILN GAS/OIL BURNR SYSTEM	30500699		Tons Produced	1	- KILN BAGHOUSE							08/08/2014	LLB
002	19 ROTARY KILN	30500623	689283.7	Tons Clinker Produced	1	- KILN BAGHOUSE							08/08/2014	LLB
						10024972	4		NITROUS OXIDE (N2O) , NOT (NO2)			4.3651		
						129000	9	4.4e-06	PYRENE			0.0015		
						191242	9	7.8e-08	BENZO(G,H,I)PERYLENE			2.688E-5		
						193395	9	8.7e-08	INDENO(1,2,3-CD)PYRENE			2.998E-5		
						205992	9	5.6e-07	BENZO(B)FLUORANTHENE			1.929E-4		
						206440	9	8.8e-06	FLUORANTHENE			0.0030		
						207089	9	1.5e-07	BENZO(K)FLUORANTHENE			5.169E-5		

Note: Method Codes are: 1) Source Test 2) EFIS Equation/Material Balance 3) Manually Calculated/AP-42 EF 4) Engineering Judgement 6) New Construction 7) Source Closed 9) EFIS Calculated/Local EF M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					208968	9	0.00012	ACENAPHTHYLENE			0.0414		
					218019	9	1.6e-07	CHRYSENE			5.514E-5		
					50000	9	0.00046	FORMALDEHYDE			0.1585		
					50328	9	1.3e-07	BENZO(A)PYRENE			4.480E-5		
					53703	9	6.3e-07	DIBENZO(A,H)ANTHRACENE			2.171E-4		
					56553	9	4.3e-08	BENZ(A)ANTHRACENE			1.481E-5		
					609	1		Dibenzofurans (Chlorinated) {PCDFs}			1.22E-6		
					610	1		Dioxins, Total, w/o Individ. Isomers Rep			1.84E-7		
					71432	9	0.016	BENZENE			5.5143		
					7446119	9	0.014	SULFUR TRIOXIDE			4.8250		
					74828	1		METHANE			15.6961		
					74840	1		ETHANE			2.2603		
					7647010	1		HYDROCHLORIC ACID			5.4837		
					85018	9	0.00039	PHENANTHRENE			0.1344		
					86737	9	1.9e-05	FLUORENE			0.0065		
					91203	9	0.0017	NAPHTHALENE			0.5859		
					AS	1		ARSENIC & COMPOUNDS		90.000	4.98E-4		
					BE	1		BERYLLIUM & COMPOUNDS		95.000	9.43E-5		
					CD	1		CADMIUM & COMPOUNDS		90.000	4.68E-4		
					CO	1		CARBON MONOXIDE			2732.2220		
					CO2	9	1800.0	CARBON DIOXIDE			620355.3000		
					COC	4		COBALT COMPOUNDS		90.000	0.0179		
					CRC	1		CHROMIUM COMPOUNDS		95.000	0.0048		
					FL	1		FLUORIDES			0.3513		
					HG	1		MERCURY & COMPOUNDS		50.000	0.0302		
					MNC	4		MANGANESE & COMPOUNDS		90.000	0.0218		
					NH3	9	0.01	AMMONIA			3.4464		
					NI	1		NICKEL & COMPOUNDS		90.000	0.0135		
					NO2	1		NITROGEN DIOXIDE			1451.7240		
					PB	1		LEAD & COMPOUNDS		90.000	0.0024		
					PM10	3		PM (LESS THAN 10 MICRONS)		99.900	97.5654		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)		99.900	92.7734		
					PT	1		PARTICULATE MATTER (TOTAL)		99.900	99.5314		
					SB	4		ANTIMONY & COMPOUNDS		90.000	7.17E-4		
					SE	9	0.00020	SELENIUM & COMPOUNDS			0.0689		
					SO2	1		SULFUR DIOXIDE			34.6674		
					VOC	1		VOLATILE ORGANIC COMPOUNDS			69.9933		
002 / 20	2 CLINKR COOLR RECOV CYCL	30500699	689283.7	Tons Cement Produced	1 - KILN BAGHOUSE							08/08/2014	C7C

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
002	21 VERTICAL RAW MILL SYSTEM	30500699	1376785	Tons Cement Produced	1 - KILN BAGHOUSE							08/08/2014	C7C
002	22 4- VERTICAL RAW MILL CYCL	30500699	1376785	Tons Cement Produced	1 - KILN BAGHOUSE							08/08/2014	C7C
002	23 AUXILARY AIR HEATER	30500699	689283.7	Tons Cement Produced	1 - KILN BAGHOUSE							08/08/2014	C7C
002	24 VRM REC LOWER CONVEYOR	30500699	1376785	Tons Cement Produced	1 - KILN BAGHOUSE							08/08/2014	C7C
002	25 VRM REJECT ELEVATOR	30500699	1376785	Tons Cement Produced	1 - KILN BAGHOUSE							08/08/2014	C7C
002	26 VRM REC UPPER CONVEYOR	30500699	1376785	Tons Cement Produced	1 - KILN BAGHOUSE							08/08/2014	C7C
002	27 PULVERIZED ASH SILO	30500612	0.000000	Tons Material Handled	33 - PULVERIZED ASH SILO							08/08/2014	LLB
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.0E+0		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.0E+0		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	0.0E+0		
002	28 MARL SILO #2 OUTofSERVICE	30500612	0.000000	Tons Material Handled	3 - MARL SILO #2							08/08/2014	LLB
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.0E+0		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.0E+0		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	0.0E+0		
002	29 COAL CRUSHER TOWER	30502002	0.000000	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0E+0		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0E+0		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0E+0		
002	30 COAL GRIZZLY	30502002	0.000000	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0E+0		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0E+0		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0E+0		
002	31 RADIAL STACKER BELT	30502006	0.000000	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3	PM (LESS THAN 10 MICRONS)				0.0E+0		
					PM2.5	3	PM (LESS THAN 2.5 MICRONS)				0.0E+0		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0E+0		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit / Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor		Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
002 / 32 RAW MILL FEED BELT	**30500624**	**1376785**	Tons Material Processed	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**C7C**
				PM10	**3**		PM (LESS THAN 10 MICRONS)				**0.6704**		
				PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)				**0.1015**		
				PT	**3**		PARTICULATE MATTER (TOTAL)				**1.4173**		
002 / 33 VERTICAL RAW MIL FEED BIN	**30500699**	**1376785**	Tons Cement Produced	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**C7C**
				PM10	**3**		PM (LESS THAN 10 MICRONS)				**0.3352**		
				PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)				**0.0508**		
				PT	**3**		PARTICULATE MATTER (TOTAL)				**0.7087**		
002 / 34 KILN FEED ELEVATOR	**30500699**	**1139945**	Tons Cement Produced	**35 - KILN FEED ELEVATOR**								**08/08/2014**	**C7C**
				PM10	**4**		PM (LESS THAN 10 MICRONS)			**99.900**	**0.6289**		
				PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**99.900**	**0.3369**		
				PT	**3**		PARTICULATE MATTER (TOTAL)			**99.900**	**0.7487**		
002 / 35 PRECALCINER COAL MILL	**30500699**	**39642.14**	Tons Cement Produced	**36 - PRECALCINER COAL MILL**								**08/08/2014**	**C7C**
				10024972	**4**		NITROUS OXIDE (N2O) , NOT (NO2)				**0.0E+0**		
				74828	**1**		METHANE				**0.2447**		
				74840	**1**		ETHANE				**0.0226**		
				7647010	**1**		HYDROCHLORIC ACID				**0.0193**		
				AS	**1**		ARSENIC & COMPOUNDS			**90.000**	**2.36E-4**		
				BE	**1**		BERYLLIUM & COMPOUNDS			**95.000**	**6.88E-5**		
				CD	**1**		CADMIUM & COMPOUNDS			**90.000**	**2.72E-5**		
				CO	**1**		CARBON MONOXIDE				**23.4959**		
				CRC	**1**		CHROMIUM COMPOUNDS			**95.000**	**6.79E-4**		
				FL	**1**		FLUORIDES				**0.0099**		
				HG	**1**		MERCURY & COMPOUNDS			**50.000**	**0.0025**		
				NI	**1**		NICKEL & COMPOUNDS			**90.000**	**5.16E-4**		
				NO2	**1**		NITROGEN DIOXIDE				**10.2937**		
				PB	**1**		LEAD & COMPOUNDS			**90.000**	**2.01E-4**		
				PM10	**4**		PM (LESS THAN 10 MICRONS)			**99.970**	**9.2954**		
				PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**99.970**	**5.3897**		
				PT	**1**		PARTICULATE MATTER (TOTAL)			**99.970**	**10.8977**		
				SO2	**1**		SULFUR DIOXIDE				**1.7954**		
				VOC	**1**		VOLATILE ORGANIC COMPOUNDS				**0.7903**		
002 / 36 PRECALCINER COAL BIN	**30500699**	**39642.14**	Tons Cement Produced	**37 - PRECAL COAL BIN**								**08/08/2014**	**C7C**
				PM10	**4**		PM (LESS THAN 10 MICRONS)			**99.900**	**0.2827**		
				PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**99.900**	**0.1514**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PT	3		PARTICULATE MATTER (TOTAL)		99.900	0.3365		
002 / 37	KILN FEED BIN	30500699	1139945	Tons Cement Produced	39 - KILN FEED BIN								08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.900	0.8878		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	0.4756		
						PT	3		PARTICULATE MATTER (TOTAL)		99.900	1.0570		
002 / 38	RAIL COAL UNLOADIN HOPPER	30502031	12820.12	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP								08/08/2014	C7C
						PM10	3		PM (LESS THAN 10 MICRONS)			0.0055		
						PM2.5	3		PM (LESS THAN 2.5 MICRONS)			8.34E-4		
						PT	3		PARTICULATE MATTER (TOTAL)			0.0116		
002 / 39	925' COAL BELT CONVEYOR	30502006	12820.12	Tons Raw Material Processed	42 - FUGITIVE DEFAULT EP								08/08/2014	C7C
						PM10	3		PM (LESS THAN 10 MICRONS)			0.0110		
						PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0017		
						PT	3		PARTICULATE MATTER (TOTAL)			0.0233		
002 / 40	KILN FEED SILO	30500699	1139945	Tons Cement Produced	10 - KILN FEED SILO								08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.900	1.6647		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	0.8918		
						PT	3		PARTICULATE MATTER (TOTAL)		99.900	1.9818		
002 / 41	RAW MEAL CP TRANS PUMP	30500699	1139945	Tons Cement Produced	10 - KILN FEED SILO								08/08/2014	C7C
002 / 42	PNEUMATIC TO FEED SILO	30500699	1139945	Tons Cement Produced	10 - KILN FEED SILO								08/08/2014	C7C
002 / 43	KILN FEED SILO AIRSLIDES	30500699	1139945	Tons Cement Produced	10 - KILN FEED SILO								08/08/2014	C7C
003	CLINKER HANDLIN EQUIPMENT													
003 / 1	CLINKER COOLER	30500614	689283.7	Tons Cement Produced	11 - CLINKER COOLER								08/08/2014	C7C
						10024972	4		NITROUS OXIDE (N2O) , NOT (NO2)			0.0E+0		
						74828	4		METHANE			0.2447		
						74840	4		ETHANE			0.0226		
						7647010	1		HYDROCHLORIC ACID			0.7308		
						AS	1		ARSENIC & COMPOUNDS		90.000	0.0016		
						BE	1		BERYLLIUM & COMPOUNDS		95.000	1.22E-4		
						CD	1		CADMIUM & COMPOUNDS		90.000	5.80E-4		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						CO	**4**		CARBON MONOXIDE			**161.9817**		
						COC	**4**		COBALT COMPOUNDS		**90.000**	**0.0276**		
						CRC	**1**		CHROMIUM COMPOUNDS		**95.000**	**0.0123**		
						FL	**1**		FLUORIDES			**0.1386**		
						HG	**1**		MERCURY & COMPOUNDS		**50.000**	**1.48E-4**		
						MNC	**4**		MANGANESE & COMPOUNDS		**90.000**	**0.1048**		
						NI	**1**		NICKEL & COMPOUNDS		**90.000**	**0.0097**		
						NO2	**4**		NITROGEN DIOXIDE			**37.9106**		
						PB	**1**		LEAD & COMPOUNDS		**90.000**	**0.0018**		
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**11.1619**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**6.6614**		
						PT	**1**		PARTICULATE MATTER (TOTAL)		**99.900**	**13.0083**		
						SB	**4**		ANTIMONY & COMPOUNDS		**90.000**	**3.65E-4**		
						SO2	**4**		SULFUR DIOXIDE			**11.1120**		
						VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**10.3393**		
003 / 2	**CC HEAT EXCHANGER**	**30500699**	**689283.7**	Tons Cement Produced	**11**	**- CLINKER COOLER**							**08/08/2014**	**C7C**
003 / 3	**CC SCREW CONVEYORS**	**30500616**	**689283.7**	Tons Cement Produced	**11**	**- CLINKER COOLER**							**08/08/2014**	**C7C**
003 / 4	**FREDENHAGEN CLINKER CONV.**	**30500616**	**689283.7**	Tons Cement Produced	**12**	**- CLINKER BELT**							**08/08/2014**	**C7C**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**1.8497**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**0.9909**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**2.2020**		
003 / 5	**THREE CLINKER ELEVATORS**	**30500616**	**689283.7**	Tons Cement Produced	**12**	**- CLINKER BELT**							**08/08/2014**	**C7C**
003 / 6	**CLINKER SILO #1**	**30500616**	**494127.0**	Tons Cement Produced	**13**	**- CLINKER SIL0 1,2,21&22**							**08/08/2014**	**LLB**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**3.2928**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**1.7640**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**3.9201**		
003 / 7	**CLINKER SILO #2**	**30500616**	**494127.0**	Tons Cement Produced	**13**	**- CLINKER SIL0 1,2,21&22**							**08/08/2014**	**LLB**
003 / 8	**CLINKER SILO #21**	**30500616**	**494127.0**	Tons Cement Produced	**13**	**- CLINKER SIL0 1,2,21&22**							**08/08/2014**	**LLB**
003 / 9	**CLINKER SILO #22**	**30500616**	**494127.0**	Tons Cement Produced	**13**	**- CLINKER SIL0 1,2,21&22**							**08/08/2014**	**LLB**
003 / 10	**CLINKER SILO #31**	**30500616**	**195156.3**	Tons Cement Produced	**4**	**- CLINKER SILO 31&32 ROOF**							**08/08/2014**	**C7C**

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM10	4		PM (LESS THAN 10 MICRONS)		99.900	1.1850		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	0.6348		
						PT	3		PARTICULATE MATTER (TOTAL)		99.900	1.4108		
003	11 CLINKER SILO #32	30500616	195156.3	Tons Cement Produced	4 - CLINKER SILO 31&32 ROOF								08/08/2014	C7C
003	12 CHUTE TO CLINKR SHED-VOID	30500616	0.000000	Tons Cement Produced	42 - FUGITIVE DEFAULT EP								08/08/2014	LLB
003	13 CLINKER SILO 1 BELT TRANS	30500616	113902.8	Tons Cement Produced	14 - CLINKER SILO 1 BELT								08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.700	1.1416		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.700	0.6116		
						PT	3		PARTICULATE MATTER (TOTAL)		99.700	1.3590		
003	14 CLINKER SILO 2 BELT TRANS	30500616	110157.2	Tons Cement Produced	15 - CLINKER SILO 2 BELT								08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.700	1.1040		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.700	0.5914		
						PT	3		PARTICULATE MATTER (TOTAL)		99.700	1.3143		
003	15 CLINKER SILO 21 BELT TRAN	30500616	136295.1	Tons Cement Produced	16 - CLINKER SILO 21 BELT								08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.700	1.3770		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.700	0.7377		
						PT	3		PARTICULATE MATTER (TOTAL)		99.700	1.6393		
003	16 CLINKER SILO 22 BELT TRAN	30500616	133771.9	Tons Cement Produced	17 - CLINKER SILO 22 BELT								08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.700	1.3515		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.700	0.7240		
						PT	3		PARTICULATE MATTER (TOTAL)		99.700	1.6089		
003	17 CLINKER SILO 31 BELT TRAN	30500616	100123.9	Tons Cement Produced	7 - CLINKER SILO 31 BELT								08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.700	1.2146		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.700	0.6507		
						PT	3		PARTICULATE MATTER (TOTAL)		99.700	1.4459		
003	18 CLINKER SILO 32 BELT TRAN	30500616	95032.35	Tons Cement Produced	5 - CLINKER SILO 32 BELT								08/08/2014	C7C
						PM10	4		PM (LESS THAN 10 MICRONS)		99.700	1.1528		
						PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.700	0.6176		
						PT	3		PARTICULATE MATTER (TOTAL)		99.700	1.3724		
003	19 RECLAIM CRUSHER	30500609	0.000000	Tons Material Processed	42 - FUGITIVE DEFAULT EP								08/08/2014	LLB

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM10	**9**	**0.26**	PM (LESS THAN 10 MICRONS)			**0.0E+0**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
						PT	**9**	**0.520**	PARTICULATE MATTER (TOTAL)			**0.0E+0**		
003/20	**FRINGE CLINKER SILO**	**30500616**	**4434.390**	Tons Cement Produced		**42**	**- FUGITIVE DEFAULT EP**						**08/08/2014**	**LLB**
003/21	**FRINGE CLINKER SILO BELT**	**30500616**	**4434.390**	Tons Cement Produced		**42**	**- FUGITIVE DEFAULT EP**						**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.9995**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.1513**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**2.1132**		
004	**FINISH MILL EQUIPMENT**													
004/1	**TWO GYPSUM SILOS**	**30500612**	**12820.12**	Tons Material Handled		**42**	**- FUGITIVE DEFAULT EP**						**08/08/2014**	**C7C**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0055**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**8.34E-4**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0116**		
004/2	**GYPSUM SILO/BELT TRANS #1**	**30500612**	**4273.373**	Tons Material Handled		**42**	**- FUGITIVE DEFAULT EP**						**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0018**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**2.78E-4**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0039**		
004/3	**GYPSUM SILO/BELT TRANS #2**	**30500612**	**4273.373**	Tons Material Handled		**42**	**- FUGITIVE DEFAULT EP**						**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0018**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**2.78E-4**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0039**		
004/4	**GYPSUM SILO/BELT TRANS #3**	**30500612**	**4273.373**	Tons Material Handled		**42**	**- FUGITIVE DEFAULT EP**						**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0018**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**2.78E-4**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0039**		
004/5	**SYN GYP SILO/BELT TRANS#1**	**30500612**	**14988.52**	Tons Material Handled		**42**	**- FUGITIVE DEFAULT EP**						**08/08/2014**	**C7C**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0129**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0020**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0272**		
004/6	**SYN GYP SILO/BELT TRANS#2**	**30500612**	**14988.52**	Tons Material Handled		**42**	**- FUGITIVE DEFAULT EP**						**08/08/2014**	**C7C**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0129**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur / Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)		0.0020		
					PT	3		PARTICULATE MATTER (TOTAL)		0.0272		
004 / 7	SYN GYP SILO/BELT TRANS#3	30500612	44965.57	Tons Material Handled	42 - FUGITIVE DEFAULT EP						08/08/2014	C7C
					PM10	3		PM (LESS THAN 10 MICRONS)		0.0386		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)		0.0058		
					PT	3		PARTICULATE MATTER (TOTAL)		0.0817		
004 / 8	FINISH MILL #1	30500617	248039.9	Tons Cement Produced	21 - FINISH MILL 1 NUISANCE						08/08/2014	LLB
					PB	9	0.04	LEAD & COMPOUNDS	99.900	0.0050		
					PM10	4		PM (LESS THAN 10 MICRONS)	99.900	2.2624		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)	99.900	1.2120		
					PT	3		PARTICULATE MATTER (TOTAL)	99.900	2.6933		
004 / 9	#1 MILL CEMENT FK PUMP	30500699	248039.9	Tons Cement Produced	21 - FINISH MILL 1 NUISANCE						08/08/2014	C7C
004 / 10	#1 MILL CEMENT AFT COOLER	30500699	248039.9	Tons Cement Produced	21 - FINISH MILL 1 NUISANCE						08/08/2014	C7C
004 / 11	#1 MILL MATERIAL TRANSFER	30500699	248039.9	Tons Cement Produced	21 - FINISH MILL 1 NUISANCE						08/08/2014	C7C
004 / 12	#1 MILL SEPARATOR	30500629	248039.9	Tons Material Processed	20 - FINISH MILL 1						08/08/2014	C7C
					PM10	4		PM (LESS THAN 10 MICRONS)	99.900	7.5413		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)	99.900	4.0400		
					PT	3		PARTICULATE MATTER (TOTAL)	99.900	8.9777		
004 / 13	MILL #1 BUCKET ELEVATOR	30500699	248039.9	Tons Cement Produced	20 - FINISH MILL 1						08/08/2014	C7C
004 / 14	FINISH MILL #2	30500617	298970.8	Tons Cement Produced	22 - FINISH MILL 2						08/08/2014	LLB
					PB	9	0.04	LEAD & COMPOUNDS	99.900	0.0060		
					PM10	4		PM (LESS THAN 10 MICRONS)	99.900	9.2808		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)	99.900	4.9719		
					PT	3		PARTICULATE MATTER (TOTAL)	99.900	11.0486		
004 / 15	#2 MILL CEMENT FK PUMP	30500699	298970.8	Tons Cement Produced	22 - FINISH MILL 2						08/08/2014	C7C
004 / 16	#2 MILL CEMENT AFT COOLER	30500699	298970.8	Tons Cement Produced	22 - FINISH MILL 2						08/08/2014	C7C
004 / 17	MILL #2 BUCKET ELEVATOR	30500699	298970.8	Tons Cement Produced	22 - FINISH MILL 2						08/08/2014	C7C

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
004 / 18	#2 HIGH E AIR SEPARATOR	30500629	298970.8	Tons Material Processed	24 - FINISH MILL 2 AIR SEPAR.							08/08/2014	C7C
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	27.8424		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	14.9156		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	33.1457		
004 / 19	#2 MATERIAL TRANSFER	30500699	298970.8	Tons Cement Produced	23 - FINISH MILL 2 NUISANCE							08/08/2014	C7C
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	2.0882		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	1.1187		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	2.4859		
004 / 20	FINISH MILL #3	30500617	224880.8	Tons Cement Produced	8 - FINISH MILL 3							08/08/2014	LLB
					PB	9	0.04	LEAD & COMPOUNDS		99.900	0.0045		
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	7.4507		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	3.9914		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	8.8699		
004 / 21	#3 MILL CEMENT FK PUMP	30500699	224880.8	Tons Cement Produced	8 - FINISH MILL 3							08/08/2014	C7C
004 / 22	#3 MATERIAL TRANSFER	30500699	224880.8	Tons Cement Produced	8 - FINISH MILL 3							08/08/2014	C7C
004 / 23	2-#3 MILL BUCKET ELEVATOR	30500699	224880.8	Tons Cement Produced	8 - FINISH MILL 3							08/08/2014	C7C
004 / 24	#3 HIGH E AIR SERARATOR	30500629	224880.8	Tons Material Processed	38 - FINISH MILL 3 AIR SEPAR.							08/08/2014	C7C
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	24.8357		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	13.3048		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	29.5663		
004 / 25	OUTSIDE CLINKR 1 REMOVED	30500616	0.000000	Tons Cement Produced	18 - OUTSIDE CLINKER 1 BELT							08/08/2014	LLB
004 / 26	OUTSIDE CLINKR 2 REMOVED	30500616	0.000000	Tons Cement Produced	19 - OUTSIDE CLINKER 2 BELT							08/08/2014	LLB
004 / 27	CLINKR RECLAIM BIN	30500616	0.000000	Tons Cement Produced	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
005	CEMENT LOADOUT EQUIPMENT												
005 / 1	MARL SILO #3 OUTofSERVICE	30500618	0.000000	Tons Cement Produced	41 - MARL SILO 12							08/08/2014	LLB
005 / 2	MARL FRINGE BIN OUTofSERV	30500618	0.000000	Tons Cement Produced	41 - MARL SILO 12							08/08/2014	LLB

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
005 / 3	MARL SILO#12 OUTofSERVICE	30500618	0.000000	Tons Cement Produced	41 - MARL SILO 12							08/08/2014	LLB
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	0.0E+0		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	0.0E+0		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	0.0E+0		
005 / 4	MARL SIL0#12 PUMP REMOVED	30500618	0.000000	Tons Cement Produced	43 - EP42 - Marl Silo 12 Pump							08/08/2014	LLB
005 / 5	MARL SILO #4 OUTofSERVICE	30500618	31515.21	Tons Cement Produced	41 - MARL SILO 12							08/08/2014	LLB
005 / 6	CEMENT LOADOUT #3	30500619	31515.21	Tons Cement Produced	31 - CMNT LOADOUT 3/MARL SILO4							08/08/2014	C7C
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	0.6206		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	0.3325		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	0.7389		
005 / 7	CEMENT SILOS #1-#11	30500618	771891.4	Tons Cement Produced	44 - EP25A - Cement Silos 1-11							08/08/2014	C7C
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	7.1939		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	3.8539		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	8.5641		
005 / 8	CEMENT SILO #13	30500618	771891.4	Tons Cement Produced	44 - EP25A - Cement Silos 1-11							08/08/2014	C7C
005 / 9	PNEUMATIC SILO PIPING	30500699	771891.4	Tons Cement Produced	44 - EP25A - Cement Silos 1-11							08/08/2014	C7C
005 / 10	CEMENT SILO AERATION UNIT	30500699	771891.4	Tons Cement Produced	44 - EP25A - Cement Silos 1-11							08/08/2014	C7C
005 / 11	BAGGED CEMENT CLEANIN STA	30500699	21786.85	Tons Cement Produced	40 - BAGGED CEMENT CLEANIN STA							08/08/2014	C7C
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	0.3128		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	0.1676		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	0.3723		
005 / 12	CEMENT PACKHOUSE AIRSLIDE	30500619	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C
					PM10	4		PM (LESS THAN 10 MICRONS)		99.900	1.3587		
					PM2.5	4		PM (LESS THAN 2.5 MICRONS)		99.900	0.7279		
					PT	3		PARTICULATE MATTER (TOTAL)		99.900	1.6175		
005 / 13	MIXER	30500699	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C
005 / 14	MIXER DISCHARGE HOPPER	30500699	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
005 / 15	PACKER SCREW CONVEYOR	30500699	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C
005 / 16	PACKER ELEVATOR	30500699	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C
005 / 17	2-VIBRATING SCREENS	30500699	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C
005 / 18	PACKER HOPPER	30500699	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C
005 / 19	HAVER PACKER	30500699	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C
005 / 20	WASTE SCREW CONVEYOR	30500699	37348.88	Tons Cement Produced	25 - MASONRY BAGGING							08/08/2014	C7C
005 / 21	NORTH SCALE LOADING SYSTM	30500619	66893.74	Tons Cement Produced	26 - CEMENT LOADOUT 1							08/08/2014	C7C
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.0461		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.0247		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	0.0548		
005 / 22	AIRSLIDE TO NORTH LOADING	30500619	66893.74	Tons Cement Produced	26 - CEMENT LOADOUT 1							08/08/2014	C7C
005 / 23	NORTH SCALE LOADING SPOUT	30500619	66893.74	Tons Cement Produced	26 - CEMENT LOADOUT 1							08/08/2014	C7C
005 / 24	CENTER SCALE LOADING SYST	30500619	267575.0	Tons Cement Produced	28 - CEMENT LOADOUT 2							08/08/2014	C7C
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.1841		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.0986		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	0.2191		
005 / 25	AIRSLIDE TO CENTER LOADIN	30500619	267575.0	Tons Cement Produced	28 - CEMENT LOADOUT 2							08/08/2014	C7C
005 / 26	CENTER SCALE LOADIN SPOUT	30500619	267575.0	Tons Cement Produced	28 - CEMENT LOADOUT 2							08/08/2014	C7C
005 / 27	SOUTH SCALE LOADING SYSTM	30500619	267574.9	Tons Cement Produced	30 - GYP/MARL SILO 12-LOADOUT3							08/08/2014	C7C
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.1841		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.0986		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	0.2191		
005 / 28	AIRSLIDE TO SOUTH LOADING	30500619	267574.9	Tons Cement Produced	30 - GYP/MARL SILO 12-LOADOUT3							08/08/2014	C7C
005 / 29	SOUTH SCALE LOADING SPOUT	30500619	267574.9	Tons Cement Produced	30 - GYP/MARL SILO 12-LOADOUT3							08/08/2014	C7C

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit / Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
006 MISC. SOURCE DESCRIPTIONS												
006/1 STORAGE FRAME A -TRANSFER	**30500615**	**27058.58**	Tons Cement Produced	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
				PM10	**4**	PM (LESS THAN 10 MICRONS)				**0.0809**		
				PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)				**0.0123**		
				PT	**3**	PARTICULATE MATTER (TOTAL)				**0.1711**		
006/2 STORAGE FRAME A -STORAGE	**30500608**		Ton-Years Material Stored	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
				PM10	**3**	PM (LESS THAN 10 MICRONS)				**0.2010**		
				PM2.5	**3**	PM (LESS THAN 2.5 MICRONS)				**0.0302**		
				PT	**3**	PARTICULATE MATTER (TOTAL)				**0.4021**		
IAA 1125K GAL #6 OIL TNK-VOID												
IAB 10K GAL GRINDING AID TANK												
IAB/1 TANK'S EMISSIONS	**39999996**	**81.47935**	1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
				VOC	**3**	VOLATILE ORGANIC COMPOUNDS				**8.24E-6**		
IAC AIR ENTRAINMENT TANK												
IAC/1 TANK'S EMISSIONS	**39999996**	**9.535790**	1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
				VOC	**3**	VOLATILE ORGANIC COMPOUNDS				**4.74E-6**		
IAD 2-6K GAL DIESEL TANKS												
IAD/1 BOTH TANKS' EMISSIONS	**39999996**	**362.2194**	1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
				100414	**3**	ETHYL BENZENE				**1.12E-5**		
				108883	**3**	TOLUENE				**1.09E-4**		
				110543	**3**	HEXANE				**0.0E+0**		
				1330207	**3**	XYLENE (MIXED ISOMERS)				**2.76E-4**		
				71432	**3**	BENZENE				**5.61E-6**		
				95636	**3**	1,2,4 TRIMETHYLBENZENE				**2.33E-4**		
				VOC	**3**	VOLATILE ORGANIC COMPOUNDS				**0.0048**		
IAE USED OIL TANK												
IAE/1 TANK'S EMISSIONS	**39999996**		1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IAF	**4-BULK LUB OIL TANKS**												
IAF / 1	**ALL 4 TANKS' EMISSIONS**	**39999996**	**12.86600**	1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					VOC	**3**		VOLATILE ORGANIC COMPOUNDS			**0.0013**		
IAG	**10-TRK SHOP USD OIL TANKS**												
IAG / 1	**ALL 10 TANKS' EMISSIONS**	**39999996**		1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
IAH	**FUELING TRUCK TANK**												
IAH / 1	**TANK'S EMISSIONS**	**39999996**	**29.87803**	1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					100414	**3**		ETHYL BENZENE			**8.79E-7**		
					108883	**3**		TOLUENE			**8.52E-6**		
					110543	**3**		HEXANE			**8.79E-7**		
					1330207	**3**		XYLENE (MIXED ISOMERS)			**1.29E-5**		
					71432	**3**		BENZENE			**0.0E+0**		
					95636	**3**		1,2,4 TRIMETHYLBENZENE			**1.12E-5**		
					VOC	**3**		VOLATILE ORGANIC COMPOUNDS			**2.73E-4**		
IAI	**LUB & SOLVENT DRUMS**												
IAI / 1	**DRUMS' EMISSIONS**	**39999996**		1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
IAJ	**PORTABLE AIR COMPRESSOR**												
IAJ / 1	**COMPRESSOR'S EMISSIONS**	**20200102**	**473.4720**	MMBTU Distillate Oil (Diesel) Bur	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					120127	**9**	**1.87e-06**	ANTHRACENE			**4.426E-7**		
					129000	**9**	**4.78e-06**	PYRENE			**1.131E-6**		
					206440	**9**	**7.61e-06**	FLUORANTHENE			**1.801E-6**		
					218019	**9**	**3.53e-07**	CHRYSENE			**8.356E-8**		
					50000	**9**	**1.18e-03**	FORMALDEHYDE			**2.793E-4**		
					56553	**9**	**1.68e-06**	BENZ(A)ANTHRACENE			**3.977E-7**		
					71432	**9**	**9.33e-04**	BENZENE			**2.208E-4**		
					75070	**9**	**7.67e-04**	ACETALDEHYDE			**1.815E-4**		
					85018	**9**	**2.94e-05**	PHENANTHRENE			**6.960E-6**		
					86737	**9**	**2.92e-05**	FLUORENE			**6.912E-6**		
					91203	**9**	**8.48e-05**	NAPHTHALENE			**2.007E-5**		
					CO	**9**	**0.95**	CARBON MONOXIDE			**0.2249**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					CO2	**9**	**164**	CARBON DIOXIDE			**38.8247**		
					NO2	**9**	**4.41**	NITROGEN DIOXIDE			**1.0440**		
					PM10	**9**	**0.31**	PM (LESS THAN 10 MICRONS)			**0.0734**		
					PM2.5	**9**	**0.31**	PM (LESS THAN 2.5 MICRONS)			**0.0734**		
					PT	**9**	**0.31**	PARTICULATE MATTER (TOTAL)			**0.0734**		
					SO2	**9**	**0.29**	SULFUR DIOXIDE			**0.0687**		
					VOC	**9**	**0.36**	VOLATILE ORGANIC COMPOUNDS			**0.0852**		
IAK	**ALT FUEL UNLOADING HOPPER**												
IAK / 1	**HOPPERS FUGITIVE EMISS.**	**39999994**	**43431200**	Pounds Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0060**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0015**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0163**		
IAL	**ALT FUEL CONVEYOR BELT**												
IAL / 1	**CONVEYOR BELT'S EMISSIONS**	**39999994**	**43431200**	Pounds Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
IAM	**ALT FUEL BUCKET ELEVATOR**												
IAM / 1	**ELEVATOR'S EMISSIONS**	**39999994**	**43431200**	Pounds Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
IAN	**ALT FUEL CONVEYOR TO PREH**												
IAN / 1	**CONVEYOR BELT'S EMISSIONS**	**39999994**	**43431200**	Pounds Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0012**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**3.04E-4**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0033**		
IAO	**ALT FUEL INTERMED. BIN**												
IAO / 1	**INTERMED. BIN'S EMISSIONS**	**39999994**	**43431200**	Pounds Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0012**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**3.04E-4**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0033**		
IAP	**AF COVERED SCREW CONVEYOR**												
IAP / 1	**CONVEYORS EMISSIONS**	**39999994**	**43431200**	Pounds Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0012**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**3.04E-4**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0033**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IAQ	**PORTABLE VACUUM SYSTEM**												
IAQ / 1	**VACUUM SYSTEM'S EMISSION**	**39999994**		Pounds Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.2977**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.1595**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.3544**		
IAR	**DIESEL AUXILLIARY TANK**												
IAR / 1	**TANK'S EMISSIONS**	**39999996**	**89.63410**	1000 Gallons Material Processed	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					100414	**3**		ETHYL BENZENE			**8.45E-6**		
					108883	**3**		TOLUENE			**6.97E-5**		
					110543	**3**		HEXANE			**8.45E-6**		
					1330207	**3**		XYLENE (MIXED ISOMERS)			**1.74E-4**		
					71432	**3**		BENZENE			**7.30E-6**		
					95636	**3**		1,2,4 TRIMETHYLBENZENE			**1.41E-4**		
					VOC	**3**		VOLATILE ORGANIC COMPOUNDS			**0.0030**		
IAS	**CUMMINS DFGA DIESEL GEN.**												
IAS / 1	**DIESEL GENERATOR EMISSION**	**20200102**	**14.79600**	MMBTU Distillate Oil (Diesel) Bur	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					120127	**9**	**1.87e-06**	ANTHRACENE			**1.383E-8**		
					129000	**9**	**4.78e-06**	PYRENE			**3.536E-8**		
					206440	**9**	**7.61e-06**	FLUORANTHENE			**5.629E-8**		
					218019	**9**	**3.53e-07**	CHRYSENE			**2.611E-9**		
					50000	**9**	**1.18e-03**	FORMALDEHYDE			**8.729E-6**		
					56553	**9**	**1.68e-06**	BENZ(A)ANTHRACENE			**1.242E-8**		
					71432	**9**	**9.33e-04**	BENZENE			**6.902E-6**		
					75070	**9**	**7.67e-04**	ACETALDEHYDE			**5.674E-6**		
					85018	**9**	**2.94e-05**	PHENANTHRENE			**2.175E-7**		
					86737	**9**	**2.92e-05**	FLUORENE			**2.160E-7**		
					91203	**9**	**8.48e-05**	NAPHTHALENE			**6.273E-7**		
					CO	**9**	**0.95**	CARBON MONOXIDE			**0.0070**		
					CO2	**9**	**164**	CARBON DIOXIDE			**1.2133**		
					NO2	**9**	**4.41**	NITROGEN DIOXIDE			**0.0326**		
					PM10	**9**	**0.31**	PM (LESS THAN 10 MICRONS)			**0.0023**		
					PM2.5	**9**	**0.31**	PM (LESS THAN 2.5 MICRONS)			**0.0023**		
					PT	**9**	**0.31**	PARTICULATE MATTER (TOTAL)			**0.0023**		
					SO2	**9**	**0.29**	SULFUR DIOXIDE			**0.0021**		
					VOC	**9**	**0.36**	VOLATILE ORGANIC COMPOUNDS			**0.0027**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit / Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IAT 75HP DIESEL ENGINE												
IAT/1 EMERG KILN DR ENGINE	**20200102**	**13.53560**	MMBTU Distillate Oil (Diesel) Bur	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
				120127	**9**	**1.87e-06**	ANTHRACENE			**1.265E-8**		
				129000	**9**	**4.78e-06**	PYRENE			**3.235E-8**		
				206440	**9**	**7.61e-06**	FLUORANTHENE			**5.150E-8**		
				218019	**9**	**3.53e-07**	CHRYSENE			**2.389E-9**		
				50000	**9**	**1.18e-03**	FORMALDEHYDE			**7.986E-6**		
				56553	**9**	**1.68e-06**	BENZ(A)ANTHRACENE			**1.136E-8**		
				71432	**9**	**9.33e-04**	BENZENE			**6.314E-6**		
				75070	**9**	**7.67e-04**	ACETALDEHYDE			**5.190E-6**		
				85018	**9**	**2.94e-05**	PHENANTHRENE			**1.989E-7**		
				86737	**9**	**2.92e-05**	FLUORENE			**1.976E-7**		
				91203	**9**	**8.48e-05**	NAPHTHALENE			**5.739E-7**		
				CO	**9**	**0.95**	CARBON MONOXIDE			**0.0064**		
				CO2	**9**	**164**	CARBON DIOXIDE			**1.1099**		
				NO2	**9**	**4.41**	NITROGEN DIOXIDE			**0.0298**		
				PM10	**9**	**0.31**	PM (LESS THAN 10 MICRONS)			**0.0021**		
				PM2.5	**9**	**0.31**	PM (LESS THAN 2.5 MICRONS)			**0.0021**		
				PT	**9**	**0.31**	PARTICULATE MATTER (TOTAL)			**0.0021**		
				SO2	**9**	**0.29**	SULFUR DIOXIDE			**0.0020**		
				VOC	**9**	**0.36**	VOLATILE ORGANIC COMPOUNDS			**0.0024**		
N01 UNITS NOT ON PERMIT												
N01/1 MARL RIPPING	**30500699**	**1086691**	Tons Cement Produced	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
				PM10	**4**		PM (LESS THAN 10 MICRONS)			**4.1477**		
				PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.6222**		
				PT	**4**		PARTICULATE MATTER (TOTAL)			**8.2953**		
N01/2 MARL RAW MAT. UNLOADING	**30500607**	**1086691**	Tons Material Unloaded	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
				PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0808**		
				PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0122**		
				PT	**3**		PARTICULATE MATTER (TOTAL)			**0.1708**		
N01/3 MARL RAW MATERIAL PILES	**30500608**		Ton-Years Material Stored	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
				PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.4308**		
				PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0646**		
				PT	**3**		PARTICULATE MATTER (TOTAL)			**0.8616**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
N01/4	MARL RAW MATERIAL LOADOUT	30500612	1086691	Tons Material Handled	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0808		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0122		
					PT	3		PARTICULATE MATTER (TOTAL)			0.1708		
N01/5	CLAY RAW MAT. UNLOADING	30500607	0.000000	Tons Material Unloaded	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0E+0		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0E+0		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0E+0		
N01/6	CLAY RAW MATERIAL PILES	30500608		Ton-Years Material Stored	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0442		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0066		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0884		
N01/7	CLAY RAW MATERIAL LOADOUT	30500612		Tons Material Handled	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
N01/8	IRON RAW MAT. UNLOADING	30500607	21362.05	Tons Material Unloaded	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0242		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0037		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0512		
N01/9	IRON RAW MATERIAL PILES	30500608		Ton-Years Material Stored	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0700		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0105		
					PT	3		PARTICULATE MATTER (TOTAL)			0.1399		
N01/10	IRON RAW MATERIAL LOADOUT	30500612		Tons Material Handled	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
N01/11	ASH RAW MAT. UNLOADING	30500607	130794.0	Tons Material Unloaded	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0318		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0048		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0673		
N01/12	ASH RAW MATERIAL PILES	30500608		Ton-Years Material Stored	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			1.7673		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.2651		
					PT	3		PARTICULATE MATTER (TOTAL)			3.5347		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
N01 / 13	ASH RAW MATERIAL LOADOUT	30500612		Tons Material Handled	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
N01 / 14	SILICA RAW MAT. UNLOADING	30500607	100890.2	Tons Material Unloaded	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0317		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0048		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0670		
N01 / 15	SILICA RAW MATERIAL PILES	30500608		Ton-Years Material Stored	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0383		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0057		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0766		
N01 / 16	SILICA RAW MAT LOADOUT	30500612	100890.2	Tons Material Handled	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0317		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0048		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0670		
N01 / 17	ALUMINA MAT. UNLOADING	30500607	0.000000	Tons Material Unloaded	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0E+0		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0E+0		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0E+0		
N01 / 18	ALUMINA RAW MATERIAL PILE	30500608	0.000000	Ton-Years Material Stored	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0E+0		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0E+0		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0E+0		
N01 / 19	ALUMINA MAT LOADOUT	30500612	0.000000	Tons Material Handled	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0E+0		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			0.0E+0		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0E+0		
N01 / 20	CALCIUM MAT. UNLOADING	30500607	12575.37	Tons Material Unloaded	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0040		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)			5.98E-4		
					PT	3		PARTICULATE MATTER (TOTAL)			0.0084		
N01 / 21	CALCIUM RAW MATERIAL PILE	30500608		Ton-Years Material Stored	42 - FUGITIVE DEFAULT EP							08/08/2014	LLB
					PM10	3		PM (LESS THAN 10 MICRONS)			0.0287		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0043**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0574**		
N01	**22 CALCIUM MAT LOADOUT**	**30500612**	**12575.37**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**C7C**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0040**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**5.98E-4**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0084**		
N01	**23 DIVERSION MAT. UNLOADING**	**30500607**	**0.000000**	Tons Material Unloaded	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0E+0**		
N01	**24 DIVERSION STOCKPILE**	**30500608**	**0.000000**	Ton-Years Material Stored	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0E+0**		
N01	**25 DIVERSION MAT LOADOUT**	**30500612**	**0.000000**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0E+0**		
N01	**26 RECLAIM MAT. UNLOADING**	**30500607**	**0.000000**	Tons Material Unloaded	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0E+0**		
N01	**27 RECLAIM STOCKPILE**	**30500608**	**0.000000**	Ton-Years Material Stored	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0E+0**		
N01	**28 RECLAIM MAT LOADOUT**	**30500612**	**0.000000**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**LLB**
						PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
						PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0E+0**		
N01	**29 BALL SORTING**	**30500699**	**0.000000**	Tons Processed	**42 - FUGITIVE DEFAULT EP**								**08/08/2014**	**LLB**

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0E+0**		
N01 / 30	**OVERBURDEN REMOVAL**	**30500699**	**423676.0**	Tons Cement Produced	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**1.6171**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.2426**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**3.2342**		
N01 / 31	**OVERBURDEN UNLOADING**	**30500699**	**423676.0**	Tons Cement Produced	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0315**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0048**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0666**		
N01 / 32	**RECLAIM HOPPERS/BELT TRAN**	**30500699**	**0.000000**	Tons Cement Produced	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0E+0**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0E+0**		
N01 / 33	**NATURAL GYPSUM UNLOADING**	**30500607**	**13038.43**	Tons Material Unloaded	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0056**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**8.48E-4**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0118**		
N01 / 34	**NATURAL GYPSUM MAT PILES**	**30500608**		Ton-Years Material Stored	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0287**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0043**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0574**		
N01 / 35	**NATURAL GYPSUM LOADOUT**	**30500612**	**13038.43**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0056**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**8.48E-4**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0118**		
N01 / 36	**SYN GYPSUM UNLOADING**	**30500607**	**44965.57**	Tons Material Unloaded	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0193**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0029**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0408**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
N01 / 37	**SYN GYPSUM MAT PILES**	**30500608**		Ton-Years Material Stored	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					PM10	**3**	PM (LESS THAN 10 MICRONS)				**0.0862**		
					PM2.5	**3**	PM (LESS THAN 2.5 MICRONS)				**0.0129**		
					PT	**3**	PARTICULATE MATTER (TOTAL)				**0.1723**		
N01 / 38	**SYN GYPSUM LOADOUT**	**30500612**	**44965.57**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**	PM (LESS THAN 10 MICRONS)				**0.0193**		
					PM2.5	**3**	PM (LESS THAN 2.5 MICRONS)				**0.0029**		
					PT	**3**	PARTICULATE MATTER (TOTAL)				**0.0408**		
N01 / 39	**COAL UNLOADING**	**30500607**	**74087.31**	Tons Material Unloaded	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**	PM (LESS THAN 10 MICRONS)				**0.0318**		
					PM2.5	**3**	PM (LESS THAN 2.5 MICRONS)				**0.0048**		
					PT	**3**	PARTICULATE MATTER (TOTAL)				**0.0673**		
N01 / 40	**COAL MAT PILES**	**30500608**		Ton-Years Material Stored	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					PM10	**3**	PM (LESS THAN 10 MICRONS)				**0.5081**		
					PM2.5	**3**	PM (LESS THAN 2.5 MICRONS)				**0.0762**		
					PT	**3**	PARTICULATE MATTER (TOTAL)				**1.0162**		
N01 / 41	**COAL LOADOUT**	**30500612**	**74087.31**	Tons Material Handled	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**C7C**
					PM10	**3**	PM (LESS THAN 10 MICRONS)				**0.0318**		
					PM2.5	**3**	PM (LESS THAN 2.5 MICRONS)				**0.0048**		
					PT	**3**	PARTICULATE MATTER (TOTAL)				**0.0673**		
N01 / 42	**CLINKER TRANFER TO SHED**	**30500616**	**0.000000**	Tons Cement Produced	**42 - FUGITIVE DEFAULT EP**							**08/08/2014**	**LLB**
					PM10	**3**	PM (LESS THAN 10 MICRONS)				**0.0E+0**		
					PM2.5	**3**	PM (LESS THAN 2.5 MICRONS)				**0.0E+0**		
					PT	**3**	PARTICULATE MATTER (TOTAL)				**0.0E+0**		
N01 / 43	**CLINKER TRANSFER**	**30500616**	**0.000000**	Tons Cement Produced	**32 - CLINKER TRANSFER**							**08/08/2014**	**LLB**
					PM10	**4**	PM (LESS THAN 10 MICRONS)			**99.700**	**0.0E+0**		
					PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)			**99.700**	**0.0E+0**		
					PT	**3**	PARTICULATE MATTER (TOTAL)			**99.700**	**0.0E+0**		
OEF	**CONSTRUCTION PERMIT EF**												
OEF / 1	**KILN COAL MILL BIN**	**30500699**	**26428.09**	Tons Cement Produced	**48 - EP37A KILN COAL MILL BIN**							**08/08/2014**	**C7C**
					PM10	**4**	PM (LESS THAN 10 MICRONS)			**99.900**	**0.0740**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**0.0396**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**0.0881**		
OEF/2	**CLINKER SILO #42**	**30500616**	**142457.0**	Tons Cement Produced	**49 - EP57 CLINKER SILO #42**								**08/08/2014**	**LLB**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**1.0776**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**0.5773**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**1.2829**		
OEF/3	**CLINKER SILO #41**	**30500616**	**143697.1**	Tons Cement Produced	**50 - EP58 CLINKER SILO #41**								**08/08/2014**	**C7C**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**0.3554**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**0.1904**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**0.4231**		
OEF/4	**HOT CLINKER BIN**	**30500616**	**8818.480**	Tons Cement Produced	**51 - EP59 HOT CLINKER BIN**								**08/08/2014**	**LLB**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**1.5751**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**0.8438**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**1.8751**		
OEF/5	**CLINKER CONVEYOR**	**30500616**	**286154.2**	Tons Cement Produced	**52 - EP60 CLINKER CONVEYOR**								**08/08/2014**	**C7C**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**0.7832**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**0.4196**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**0.9324**		
OEF/6	**CLINKER SILO RECLAIM CONV**	**30500616**	**286154.2**	Tons Cement Produced	**53 - EP61 CLINKER SILO RECLAIM**								**08/08/2014**	**C7C**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**0.9000**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**0.4822**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**1.0715**		
OEF/7	**CLINKR SILO TRUCK LOADOUT**	**30500616**	**88.18000**	Tons Cement Produced	**54 - EP62 CLINKER SILO TRUCK L**								**08/08/2014**	**LLB**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**5.76E-4**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**3.09E-4**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**6.86E-4**		
OEK	**CONSTRUCTION PERMIT EK**													
OE/1K	**KILN DUST LINE**	**30500699**	**4373.630**	Tons Cement Produced	**45 - EP54 KILN DUST LINE BH ST**								**08/08/2014**	**LLB**
						PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.900**	**0.2929**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.900**	**0.1569**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**99.900**	**0.3487**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
OE/2K	KILN DUST SILO	30500699	4373.630	Tons Cement Produced	46 - EP55 KILN DUSTSILO BH STK							08/08/2014	LLB
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.9529		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.5105		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	1.1345		
OE/3K	FIN MILL1 DST TNK OofSERV	30500699	0.000000	Tons Cement Produced	47 - EP51 FINISH MILL 1 DUST T							08/08/2014	LLB
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.0E+0		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.0E+0		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	0.0E+0		
OEM	CONSTRUCTION PERMIT EM												
OE/1M	CLINKER RECLAIM HOPPER	30500616	27058.58	Tons Cement Produced	42 - FUGITIVE DEFAULT EP							08/08/2014	C7C
					PM10	4	PM (LESS THAN 10 MICRONS)				0.0121		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)				0.0018		
					PT	3	PARTICULATE MATTER (TOTAL)				0.0257		
OE/2M	CLINKER RECLAIM FEEDER	30500616	27058.58	Tons Cement Produced	55 - EP63 CLINKR RECLAIM FEEDR							08/08/2014	C7C
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	3.5821		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	1.9190		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	4.2645		
OE/3M	CLINKER RECLAIM BELT	30500616	27058.58	Tons Cement Produced	56 - EP64 CLINKR RECLAIM BELT							08/08/2014	C7C
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.4478		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.2399		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	0.5331		
OEN	CONSTRUCTION PERMIT EN												
OE/1N	ALTERN FUELS DUMP HOPPER	30500699	21715.60	Tons Cement Produced	57 - EP65 ALT FEULS BH STK							08/08/2014	C7C
					PM10	4	PM (LESS THAN 10 MICRONS)			99.900	0.2959		
					PM2.5	4	PM (LESS THAN 2.5 MICRONS)			99.900	0.1585		
					PT	3	PARTICULATE MATTER (TOTAL)			99.900	0.3523		
OE/2N	ALTERN FUELS COVERED CONV	30500699	21715.60	Tons Cement Produced	57 - EP65 ALT FEULS BH STK							08/08/2014	C7C
OE/3N	ALTERN FUELS BUCKET ELEVR	30500699	21715.60	Tons Cement Produced	57 - EP65 ALT FEULS BH STK							08/08/2014	C7C

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
OEO	**CONSTRUCTION PERMIT EO**												
OE/1O	**N SCALE CEMENT LOADOUT SY**	**30500619**	**200681.2**	Tons Cement Produced	**58 - EP66 N SCALE LOADIN VENT**							**08/08/2014**	**LLB**
					PM10	**4**	PM (LESS THAN 10 MICRONS)			**99.900**	**0.0991**		
					PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)			**99.900**	**0.0531**		
					PT	**3**	PARTICULATE MATTER (TOTAL)			**99.900**	**0.1180**		
OEQ	**CONSTRUCTION PERMIT EQ**												
OE/1Q	**CLINKER CONVEYING&STORAGE**	**30500616**	**77164.22**	Tons Cement Produced	**59 - EP69 CLINK CONV&STOR VENT**							**08/08/2014**	**LLB**
					PM10	**4**	PM (LESS THAN 10 MICRONS)			**99.900**	**0.1603**		
					PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)			**99.900**	**0.0859**		
					PT	**3**	PARTICULATE MATTER (TOTAL)			**99.900**	**0.1908**		
OER	**CONSTRUCTION PERMIT ER**												
OE/1R	**FREDENHAGEN CONVEYOR DISC**	**30500616**	**143600.8**	Tons Cement Produced	**60 - EP70 FREDENHAGEN CONV VEN**							**08/08/2014**	**LLB**
					PM10	**4**	PM (LESS THAN 10 MICRONS)			**99.900**	**0.0616**		
					PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)			**99.900**	**0.0330**		
					PT	**3**	PARTICULATE MATTER (TOTAL)			**99.900**	**0.0734**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emissions Inventory of CISWI Unit

Crane Merchandising Systems Dixie-Narco

Currently a Minor Source
No Inventory Required

Emissions Inventory of CISWI Unit

DAK Americas, LLC

SCDHEC

Detailed Emissions Inventory Report for **DAK AMERICAS LLC COLUMBIA SITE**

From EI Data Year 2013

Permit: **0460-0029** County: **017-Calhoun** EQC Region: **Aiken EQC** Year of Emissions: **2012**

Plant Location:
570 K AVE
GASTON, SC

Latitude: **33º51'59"**
Longitude: **81º00'46"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3747.126**
UTM Horizontal: **498.638**

Contacts
Emissions: **CATHERINE SAENZ** **(803)936-4015**
Billing: **CATHERINE SAENZ** **(803)936-4015**
Telephone Numbers

Principal Product: **POLYETHYLENE TEREPHTHALAT**

Mailing Address:
DAK AMERICAS LLC COLUMBIA SITE
570 K AVE
GASTON, SC 290538256

Standard Industrial Classification:
2865 Cyclic Crudes And Intermediate
2821 Plastics Materials And Resins

Facility Class: **A** Inventory Type **A** No. Employees: **400**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **2400.0**

North American Industrial Classification:
325211 Plastics Material and Resin Manufacturing
325192 Cyclic Crude and Intermediate Manufacturing

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	Billable Emissions (Tons/Year)
BENZO(B,J,K)FLUORANTHENE (CAS:102)	X		X					9.91E-11	
P-XYLENE (CAS:106423)	X		X	X				0.0811	
1,4-DICHLOROBENZENE (CAS:106467)	X		X	X				8.267E-4	
ETHYLENE GLYCOL (CAS:107211)	X		X	X			A	35.9610	
METHYL FORMATE (METHYL ESTER FORMIC ACID) (CAS:107313)						X		1.8277	1.8277
TOLUENE (CAS:108883)	X		X	X				4.5428	
PROPYL ACETATE (CAS:109604)	X							0.3995	
2-METHOXYETHANOL (ETHYLENE GLYCOL MONOMETHYL ETHER)								**	
HEXANE (CAS:110543)	X		X	X				1.2404	
ANTHRACENE (CAS:120127)	X		X	X				5.402E-7	
1,4-DIOXANE (CAS:123911)	X		X	X				3.7640	
PYRENE (CAS:129000)	X		X	X				4.822E-6	
SODIUM HYDROXIDE (CAS:1310732)					X			0.4419	.4419
XYLENE (MIXED ISOMERS) (CAS:1330207)	X		X	X				49.0964	
BENZO(G,H,I)PERYLENE (CAS:191242)	X		X	X				1.51E-10	
INDENO(1,2,3-CD)PYRENE (CAS:193395)	X		X	X				1.43E-10	
FLUORANTHENE (CAS:206440)	X		X	X				4.267E-6	
ACENAPHTHYLENE (CAS:208968)	X		X	X				1.69E-11	
CHRYSENE (CAS:218019)	X		X	X				1.020E-7	
FORMALDEHYDE (CAS:50000)	X		X	X		X		0.0520	

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2821 Plastics Materials And Resins

Facility Class: **A** Inventory Type **A** No. Employees: **400**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **2400.0**

North American Industrial Classification:
325211 Plastics Material and Resin Manufacturing
325192 Cyclic Crude and Intermediate Manufacturing

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
DIBENZO(A,H)ANTHRACENE (CAS:53703)	X		X	X				**1.11E-10**	
BENZ(A)ANTHRACENE (CAS:56553)	X		X	X				**4.851E-7**	
DIOXINS/FURANS (AS TEQ UNITS) (CAS:626)	X		X	X				**1.210E-9**	
ACETIC ACID (CAS:64197)	X							**37.8675**	
METHANOL (CAS:67561)	X		X	X				**8.8426**	
BENZENE (CAS:71432)	X		X	X				**4.6319**	
SULFUR TRIOXIDE (CAS:7446119)						X		**6.70E-5**	**.000067**
METHANE (CAS:74828)						X		**1.5850**	**1.584963**
METHYL BROMIDE (CAS:74839)		X			X		A	**33.8496**	**33.84958**
ETHANE (CAS:74840)						X		**2.1363**	**2.13625**
ETHENE (CAS:74851)								**	
ACETALDEHYDE (CAS:75070)	X		X	X		X		**23.3130**	
HYDROCHLORIC ACID (CAS:7647010)		X			X	X		**0.0190**	**.019**
ACENAPTHENE (CAS:83329)	X		X	X				**1.413E-9**	
PHENANTHRENE (CAS:85018)	X		X	X				**2.020E-5**	
FLUORENE (CAS:86737)	X		X	X				**1.035E-5**	
NAPHTHALENE (CAS:91203)	X		X	X				**4.445E-4**	
2-METHYLNAPTHALENE (CAS:91576)	X		X	X				**1.654E-5**	
BIPHENYL (CAS:92524)	X		X	X				**0.0014**	
O-XYLENE (CAS:95476)								**	

Permit: **0460-0029** County: **017-Calhoun** EQC Region: **Aiken EQC** Year of Emissions: **2012**

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Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **2400.0**

North American Industrial Classification:
325211 Plastics Material and Resin Manufacturing
325192 Cyclic Crude and Intermediate Manufacturing

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
ARSENIC & COMPOUNDS (AS)		**X**			**X**			**1.311E-4**	
BERYLLIUM & COMPOUNDS (BE)		**X**			**X**			**2.81E-10**	
CADMIUM & COMPOUNDS (CD)		**X**			**X**			**9.273E-4**	
CARBON MONOXIDE (CO)							**A**	**726.1436**	
CARBON DIOXIDE (CO2)								**82742.4100**	
COBALT COMPOUNDS (COC)		**X**			**X**			**0.1121**	
CHROMIUM COMPOUNDS (CRC)		**X**			**X**			**2.81E-10**	
MERCURY & COMPOUNDS (HG)		**X**			**X**			**5.125E-4**	
MANGANESE & COMPOUNDS (MNC)		**X**			**X**			**2.495E-4**	
AMMONIA (NH3)						**X**		**2.2052**	**2.205214**
NICKEL & COMPOUNDS (NI)		**X**			**X**			**0.0014**	
NITROGEN DIOXIDE (NO2)							**A**	**69.0819**	**69.0819**
LEAD & COMPOUNDS (PB)		**X**			**X**			**0.0034**	
PM (LESS THAN 10 MICRONS) (PM10)							**B**	**16.8726**	
PM (LESS THAN 2.5 MICRONS) (PM2.5)								**16.8726**	
PARTICULATE MATTER (TOTAL) (PT)							**A**	**57.6457**	**57.64574**
ANTIMONY & COMPOUNDS (SB)		**X**			**X**			**0.0822**	
SELENIUM & COMPOUNDS (SE)		**X**			**X**			**1.407E-9**	
SULFUR DIOXIDE (SO2)						**X**	**A**	**2.6068**	**2.606754**
VOLATILE ORGANIC COMPOUNDS (VOC)							**A**	**306.6864**	**306.6864**

Permit: **0460-0029** County: **017-Calhoun** EQC Region: **Aiken EQC** Year of Emissions: **2012**

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Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3747.126**
UTM Horizontal: **498.638**

Contacts — Telephone Numbers
Emissions: **CATHERINE SAENZ** **(803)936-4015**
Billing: **CATHERINE SAENZ** **(803)936-4015**
Principal Product: **POLYETHYLENE TEREPHTHALAT**

Standard Industrial Classification:
2865 Cyclic Crudes And Intermediate
2821 Plastics Materials And Resins

Facility Class: **A** Inventory Type **A** No. Employees: **400**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **2400.0**

North American Industrial Classification:
325211 Plastics Material and Resin Manufacturing
325192 Cyclic Crude and Intermediate Manufacturing

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)

Total VOC HAPs:	131.5280	Total Non VOC HAPs:	34.0695	Total HAPs:	165.5975

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
001	**VOID - BLR 1 NG/#6OIL 270**		CONFIDENTIAL DATA IN GROUP										
002	**VOID - BLR 3 COAL/#6OIL 3**		CONFIDENTIAL DATA IN GROUP										
003	**VOID - BLR 4 COAL/#6OIL**		CONFIDENTIAL DATA IN GROUP										
004	**VOID - BLR 5 COAL/#6OIL**		CONFIDENTIAL DATA IN GROUP										
005	**VOID - BLR 3-5 ASH HANDL**		CONFIDENTIAL DATA IN GROUP										
006	**VOID-HTR 1 NG/#6OIL 18MMB**		CONFIDENTIAL DATA IN GROUP										
007	**VOID-HTR 2 NG/#6OIL 18MMB**		CONFIDENTIAL DATA IN GROUP										
008	**VOID - HTR 3 NG/#6OIL 88.**		CONFIDENTIAL DATA IN GROUP										
009	**VOID - HTR 3 NG/#6OIL 88.**		CONFIDENTIAL DATA IN GROUP										
010	**VOID - HTR 5 NG/#6OIL 88.**		CONFIDENTIAL DATA IN GROUP										
011	**VOID-HTR 6 NG/#6OIL 17.5M**		CONFIDENTIAL DATA IN GROUP										
012	**VOID-HTR 7 NG/#6OIL 17.5M**		CONFIDENTIAL DATA IN GROUP										
013	**VOID-HTR 8 NG/#6OIL 17.5M**		CONFIDENTIAL DATA IN GROUP										
014	**VOID - HTR 9 NG/#2 LOW NO**		CONFIDENTIAL DATA IN GROUP										
015	**VOID - INCINERATOR NG/#2O**		CONFIDENTIAL DATA IN GROUP										
016	**VOID - GENERATOR #2OIL 11**		CONFIDENTIAL DATA IN GROUP										
017	**VOID LIME FEED SYSTEM**		CONFIDENTIAL DATA IN GROUP										
018	**CTA/PTA**		CONFIDENTIAL DATA IN GROUP										
018 / 1					**58 - PIPING EQUIP, 17M03O**							**02/06/2014**	**4XN**
			CONFIDENTIAL DATA IN PROCESS										
					108883	**4**	TOLUENE				**0.6071**		
					1330207	**4**	XYLENE (MIXED ISOMERS)				**41.9986**		
					67561	**4**	METHANOL				**4.2541**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					71432	**4**		BENZENE			**2.2576**		
					74839	**2**		METHYL BROMIDE			**29.9200**		
					75070	**4**		ACETALDEHYDE			**0.0925**		
					CO	**4**		CARBON MONOXIDE			**591.0020**		
					NO2	**4**		NITROGEN DIOXIDE			**0.0000**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**4.2557**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**4.2557**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**14.2783**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**149.9691**		
018 / 2					**62 - CTA OXIDTN & RECV, 17M03S**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107313	**1**		METHYL FORMATE (METHYL ESTER			**1.2448**		
					108883	**1**		TOLUENE		**98.000**	**1.0162**		
					109604	**1**		PROPYL ACETATE		**98.000**	**0.1407**		
					1330207	**1**		XYLENE (MIXED ISOMERS)		**98.000**	**4.0590**		
					64197	**1**		ACETIC ACID		**98.000**	**12.0989**		
					67561	**1**		METHANOL		**98.000**	**0.1566**		
					71432	**1**		BENZENE		**98.000**	**0.8312**		
					74839	**2**		METHYL BROMIDE		**98.700**	**2.2232**		
					75070	**1**		ACETALDEHYDE		**98.000**	**0.3513**		
					CO	**1**		CARBON MONOXIDE		**98.000**	**30.5204**		
					NO2	**4**		NITROGEN DIOXIDE			**0.0938**		
					SO2	**4**		SULFUR DIOXIDE			**5.63E-04**		
					VOC	**1**		VOLATILE ORGANIC COMPOUNDS		**98.000**	**18.6539**		
018 / 3					**64 - CTA OXID & RECOVR, 17M03U**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107313	**1**		METHYL FORMATE (METHYL ESTER			**0.2321**		
					108883	**1**		TOLUENE		**98.000**	**2.0954**		
					109604	**1**		PROPYL ACETATE		**98.000**	**0.1716**		
					1330207	**1**		XYLENE (MIXED ISOMERS)		**98.000**	**1.2510**		
					64197	**1**		ACETIC ACID		**98.000**	**13.4106**		
					67561	**1**		METHANOL		**98.000**	**0.1821**		
					71432	**1**		BENZENE		**98.000**	**0.8116**		
					74839	**2**		METHYL BROMIDE		**98.700**	**1.0028**		
					75070	**1**		ACETALDEHYDE		**98.000**	**0.0550**		
					CO	**1**		CARBON MONOXIDE		**98.000**	**21.5671**		
					NO2	**4**		NITROGEN DIOXIDE			**0.2395**		
					SO2	**4**		SULFUR DIOXIDE			**1.44E-03**		
					VOC	**1**		VOLATILE ORGANIC COMPOUNDS		**98.000**	**17.9774**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
018 / 4					**68 - CTA OXID & RECOVR, 17M03Z**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107313	**1**		METHYL FORMATE (METHYL ESTER			**0.3508**		
					108883	**1**		TOLUENE		**98.000**	**0.8241**		
					109604	**1**		PROPYL ACETATE		**98.000**	**0.0872**		
					1330207	**1**		XYLENE (MIXED ISOMERS)		**98.000**	**1.7878**		
					64197	**1**		ACETIC ACID		**98.000**	**6.2216**		
					67561	**1**		METHANOL		**98.000**	**0.1056**		
					71432	**1**		BENZENE		**98.000**	**0.7298**		
					74839	**2**		METHYL BROMIDE		**98.700**	**0.7012**		
					75070	**1**		ACETALDEHYDE		**98.000**	**0.1001**		
					CO	**1**		CARBON MONOXIDE		**98.000**	**24.6005**		
					NO2	**4**		NITROGEN DIOXIDE			**0.2154**		
					SO2	**4**		SULFUR DIOXIDE			**1.29E-03**		
					VOC	**1**		VOLATILE ORGANIC COMPOUNDS		**98.000**	**9.8563**		
019	**VOID-DIMETHYL TERP 17M01**		CONFIDENTIAL DATA IN GROUP										
020	**FILTRATE PURGE (18M04)**		CONFIDENTIAL DATA IN GROUP										
020 / 1					**41 - FILTRATE PURGE, 18M04D**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					106423	**4**		P-XYLENE		**94.780**	**0.0811**		
					64197	**4**		ACETIC ACID		**94.780**	**6.1364**		
					74839	**4**		METHYL BROMIDE		**94.780**	**2.38E-03**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS		**94.780**	**6.2175**		
021	**VOID POLYMER I (17L01)**		CONFIDENTIAL DATA IN GROUP										
022	**VOID - POLYMER II (15L07)**		CONFIDENTIAL DATA IN GROUP										
023	**POLYMER II (17K01)**		CONFIDENTIAL DATA IN GROUP										
023 / 1					**19 - POLYII TNKS/REACT 17K0127**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107211	**4**		ETHYLENE GLYCOL			**16.3733**		
					67561	**4**		METHANOL			**2.9294**		
					75070	**4**		ACETALDEHYDE			**0.1868**		
					CO	**4**		CARBON MONOXIDE			**0.0000**		
					COC	**4**		COBALT COMPOUNDS			**0.1121**		
					NO2	**4**		NITROGEN DIOXIDE			**0.0000**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0291**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0291**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.3281**		
					SB	**4**		ANTIMONY & COMPOUNDS			**0.0822**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**21.3652**		
023 / 2					**19 - POLYII TNKS/REACT 17K0127**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107211	**1**		ETHYLENE GLYCOL		**95.000**	**1.0779**		
					123911	**1**		1,4-DIOXANE		**95.000**	**1.0846**		
					64197	**1**		ACETIC ACID		**95.000**	**0.0E+0**		
					74839	**1**		METHYL BROMIDE		**95.000**	**0.0E+0**		
					74851	**1**		ETHENE		**95.000**	**0.0E+0**		
					75070	**1**		ACETALDEHYDE		**95.000**	**7.4936**		
					CO	**4**		CARBON MONOXIDE			**0.2391**		
					NO2	**4**		NITROGEN DIOXIDE			**1.2009**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0232**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0232**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0232**		
					SO2	**4**		SULFUR DIOXIDE			**0.0037**		
					VOC	**1**		VOLATILE ORGANIC COMPOUNDS		**95.000**	**16.3568**		
024	**SOLID STATING I (17L06)**		CONFIDENTIAL DATA IN GROUP										
024 / 1					**86 - 17L062D**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.000**	**0.2300**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.000**	**0.2300**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**99.000**	**2.2800**		
025	**SOLID STATING II (17K02)**		CONFIDENTIAL DATA IN GROUP										
025 / 1					**85 - 17K022D**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107211	**4**		ETHYLENE GLYCOL		**95.000**	**2.2275**		
					67561	**4**		METHANOL		**95.000**	**1.1998**		
					75070	**4**		ACETALDEHYDE		**95.000**	**1.2044**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.000**	**0.8533**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.000**	**0.8533**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**99.000**	**8.5343**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS		**95.000**	**8.6124**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
026	**SOLID STATING III (17L09)**		CONFIDENTIAL DATA IN GROUP										
026 / 1					**84 - 17L0928**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.000**	**0.2400**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.000**	**0.2400**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**99.000**	**2.3700**		
027	**SOLID STATING IV (17L11)**		CONFIDENTIAL DATA IN GROUP										
027 / 1					**83 - 17L1102**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107211	**4**		ETHYLENE GLYCOL			**0.0771**		
					67561	**4**		METHANOL			**0.0138**		
					75070	**4**		ACETALDEHYDE			**7.1551**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.000**	**0.2420**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.000**	**0.2420**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**99.000**	**2.4046**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**7.2485**		
028	**VOID - SPECIALTY PLASTICS**		CONFIDENTIAL DATA IN GROUP										
029	**RAW MATERIAL UNLOADING**		CONFIDENTIAL DATA IN GROUP										
029 / 1					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**8.9523**		
030	**PLANT MISCELLANEOUS**		CONFIDENTIAL DATA IN GROUP										
030 / 1					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					92524	**4**		BIPHENYL			**1.4E-4**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**5.59E-4**		
030 / 2					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
030 / 3					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
030 / 4					**81 - PLANT7**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					106423	**4**		P-XYLENE			**0.0000**		
					107211	**4**		ETHYLENE GLYCOL			**0.0072**		
					109864	**4**		2-METHOXYETHANOL (ETHYLENE G			**0.0000**		
					123911	**4**		1,4-DIOXANE			**0.0231**		
					67561	**4**		METHANOL			**0.0012**		
					74839	**4**		METHYL BROMIDE			**0.0000**		
					75070	**4**		ACETALDEHYDE			**2.0271**		
					92524	**4**		BIPHENYL			**0.0013**		
					95476	**4**		O-XYLENE			**0.0000**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**2.0600**		
031	**VOID - HTR 10-11 NG/#2OIL**		CONFIDENTIAL DATA IN GROUP										
032	**INTEGREX**		CONFIDENTIAL DATA IN GROUP										
032 / 1					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107211	**4**		ETHYLENE GLYCOL			**15.5479**		
					75070	**4**		ACETALDEHYDE			**1.1246**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**3.2544**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**3.2544**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**16.5589**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**19.4018**		
032 / 2					**77 - HTR 12, 18K02K**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					106467	**9**	**0.0012**	1,4-DICHLOROBENZENE			**3.94e-4**		
					110543	**9**	**1.8**	HEXANE			**0.5910**		
					129000	**9**	**0.000005**	PYRENE			**1.64e-6**		
					206440	**9**	**0.000003**	FLUORANTHENE			**9.85e-7**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0246**		
					71432	**9**	**0.0021**	BENZENE			**0.0007**		
					74828	**9**	**2.3**	METHANE			**0.7552**		
					74840	**9**	**3.1**	ETHANE			**1.0179**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**4.27e-6**		
					85018	**9**	**0.000017**	PHENANTHRENE			**5.58e-6**		
					86737	**9**	**0.0000028**	FLUORENE			**9.19e-7**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**2.00e-4**		
					91576	**9**	**0.000024**	2-METHYLNAPTHALENE			**7.88e-6**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**6.57e-5**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**3.61e-4**		

Note: Method Codes are: 1) Source Test 2) EFIS Equation/Material Balance 3) Manually Calculated/AP-42 EF 4) Engineering Judgement 6) New Construction 7) Source Closed 9) EFIS Calculated/Local EF M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					CO	**9**	**84**	CARBON MONOXIDE			**27.5817**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**39402.4800**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**8.54e-5**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**1.25e-4**		
					NH3	**9**	**3.2**	AMMONIA			**1.0507**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**0.0007**		
					NO2	**M**		NITROGEN DIOXIDE			**22.0441**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**1.64e-4**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**2.4955**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**2.4955**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**2.4955**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.1970**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**1.8059**		
032 / 3					**77 - HTR 12, 18K02K**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107211	**1**		ETHYLENE GLYCOL		**98.000**	**0.5201**		
					123911	**1**		1,4-DIOXANE		**98.000**	**2.6563**		
					75070	**1**		ACETALDEHYDE		**98.000**	**3.5223**		
					VOC	**1**		VOLATILE ORGANIC COMPOUNDS		**98.000**	**9.6670**		
032 / 4					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					107211	**1**		ETHYLENE GLYCOL		**98.000**	**0.0000**		
					123911	**1**		1,4-DIOXANE		**98.000**	**0.0000**		
					75070	**1**		ACETALDEHYDE		**98.000**	**0.0000**		
					VOC	**1**		VOLATILE ORGANIC COMPOUNDS		**98.000**	**0.0000**		
033	**Combustion Sources**	CONFIDENTIAL DATA IN GROUP											
033 / 1					**7 - HEATER 3-5, 16M1201-1203**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					106467	**9**	**0.0012**	1,4-DICHLOROBENZENE			**1.63e-4**		
					110543	**9**	**1.8**	HEXANE			**0.2450**		
					129000	**9**	**0.000005**	PYRENE			**6.81e-7**		
					206440	**9**	**0.000003**	FLUORANTHENE			**4.08e-7**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0102**		
					71432	**9**	**0.0021**	BENZENE			**2.86e-4**		
					74828	**9**	**2.3**	METHANE			**0.3131**		
					74840	**9**	**3.1**	ETHANE			**0.4220**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.77e-6**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					85018	**9**	**0.000017**	PHENANTHRENE			**2.31e-6**		
					86737	**9**	**0.0000028**	FLUORENE			**3.81e-7**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**8.30e-5**		
					91576	**9**	**0.000024**	2-METHYLNAPTHALENE			**3.27e-6**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**2.72e-5**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**1.50e-4**		
					CO	**9**	**84**	CARBON MONOXIDE			**11.4352**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**16336.0200**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**3.54e-5**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**5.17e-5**		
					NH3	**9**	**3.2**	AMMONIA			**0.4356**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**2.86e-4**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**13.6134**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**6.81e-5**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**1.0346**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**1.0346**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**1.0346**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0817**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.7487**		
033 / 2					**7 - HEATER 3-5, 16M1201-1203**				**2.100**	**0.06**		**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0000**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0000**		
033 / 3					**7 - HEATER 3-5, 16M1201-1203**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					106467	**9**	**0.0012**	1,4-DICHLOROBENZENE			**1.39e-4**		
					110543	**9**	**1.8**	HEXANE			**0.2082**		
					129000	**9**	**0.000005**	PYRENE			**5.78e-7**		
					206440	**9**	**0.000003**	FLUORANTHENE			**3.47e-7**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0087**		
					71432	**9**	**0.0021**	BENZENE			**2.43e-4**		
					74828	**9**	**2.3**	METHANE			**0.2661**		
					74840	**9**	**3.1**	ETHANE			**0.3586**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.50e-6**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.97e-6**		
					86737	**9**	**0.0000028**	FLUORENE			**3.24e-7**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**7.06e-5**		
					91576	**9**	**0.000024**	2-METHYLNAPTHALENE			**2.78e-6**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**2.31e-5**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**1.27e-4**		
					CO	**9**	**84**	CARBON MONOXIDE			**9.7174**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**13881.9600**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**3.01e-5**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**4.40e-5**		
					NH3	**9**	**3.2**	AMMONIA			**0.3702**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**2.43e-4**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**11.5683**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**5.78e-5**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.8792**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.8792**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.8792**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0694**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.6363**		
033 / 4					**7 - HEATER 3-5, 16M1201-1203**			**2.100**	**0.06**			**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0000**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0000**		
033 / 5					**7 - HEATER 3-5, 16M1201-1203**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					106467	**9**	**0.0012**	1,4-DICHLOROBENZENE			**9.05e-5**		
					110543	**9**	**1.8**	HEXANE			**0.1358**		
					129000	**9**	**0.000005**	PYRENE			**3.77e-7**		
					206440	**9**	**0.000003**	FLUORANTHENE			**2.26e-7**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0057**		
					71432	**9**	**0.0021**	BENZENE			**1.58e-4**		
					74828	**9**	**2.3**	METHANE			**0.1735**		
					74840	**9**	**3.1**	ETHANE			**0.2339**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**9.81e-7**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.28e-6**		
					86737	**9**	**0.0000028**	FLUORENE			**2.11e-7**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**4.60e-5**		
					91576	**9**	**0.000024**	2-METHYLNAPTHALENE			**1.81e-6**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.51e-5**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**8.30e-5**		
					CO	**9**	**84**	CARBON MONOXIDE			**6.3367**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**9052.4400**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**1.96e-5**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.87e-5**		
					NH3	**9**	**3.2**	AMMONIA			**0.2414**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.58e-4**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**7.5437**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**3.77e-5**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.5733**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.5733**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.5733**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0453**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.4149**		
033 / 6					**7 - HEATER 3-5, 16M1201-1203**			**2.100**	**0.06**			**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0000**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0000**		
033 / 7					**10 - HEATER 9, 16M2004**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					106467	**9**	**0.0012**	1,4-DICHLOROBENZENE					
					110543	**9**	**1.8**	HEXANE					
					129000	**9**	**0.000005**	PYRENE					
					206440	**9**	**0.000003**	FLUORANTHENE					
					50000	**9**	**0.075**	FORMALDEHYDE					
					71432	**9**	**0.0021**	BENZENE					
					74828	**9**	**2.3**	METHANE					
					74840	**9**	**3.1**	ETHANE					
					75070	**9**	**1.30E-5**	ACETALDEHYDE					
					85018	**9**	**0.000017**	PHENANTHRENE					
					86737	**9**	**0.0000028**	FLUORENE					
					91203	**9**	**6.10E-4**	NAPHTHALENE					
					91576	**9**	**0.000024**	2-METHYLNAPTHALENE					
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS					
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS					
					CO	**9**	**84**	CARBON MONOXIDE					
					CO2	**9**	**120000**	CARBON DIOXIDE					
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS					
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS					
					NH3	**9**	**3.2**	AMMONIA					
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					NO2	**9**	**50**	NITROGEN DIOXIDE					
					PB	**9**	**0.0005**	LEAD & COMPOUNDS					
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.6**	SULFUR DIOXIDE					
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS					
033 / 8					**10 - HEATER 9, 16M2004**			**0.500**	**0.06**			**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					102	**9**	**1.48E-6**	BENZO(B,J,K)FLUORANTHENE					
					120127	**9**	**1.22E-6**	ANTHRACENE					
					129000	**9**	**4.25E-6**	PYRENE					
					191242	**9**	**2.26E-6**	BENZO(G,H,I)PERYLENE					
					193395	**9**	**2.14E-6**	INDENO(1,2,3-CD)PYRENE					
					206440	**9**	**4.84E-6**	FLUORANTHENE					
					208968	**9**	**2.53E-7**	ACENAPHTHYLENE					
					218019	**9**	**2.38E-6**	CHRYSENE					
					50000	**9**	**3.30E-2**	FORMALDEHYDE					
					53703	**9**	**1.67E-6**	DIBENZO(A,H)ANTHRACENE					
					56553	**9**	**4.01E-6**	BENZ(A)ANTHRACENE					
					71432	**9**	**2.14E-4**	BENZENE					
					7446119	**9**	**2.0**	SULFUR TRIOXIDE					
					74828	**9**	**5.20E-2**	METHANE					
					75070	**9**	**4.90E-3**	ACETALDEHYDE					
					83329	**9**	**2.11E-5**	ACENAPTHENE					
					85018	**9**	**1.05E-5**	PHENANTHRENE					
					86737	**9**	**4.47E-6**	FLUORENE					
					91203	**9**	**1.13E-3**	NAPHTHALENE					
					AS	**9**	**0.00056**	ARSENIC & COMPOUNDS					
					BE	**9**	**0.00042**	BERYLLIUM & COMPOUNDS					
					CD	**9**	**0.00042**	CADMIUM & COMPOUNDS					
					CO	**9**	**5.0**	CARBON MONOXIDE					
					CO2	**9**	**2.23E+4**	CARBON DIOXIDE			**0.0000**		
					CRC	**9**	**4.20E-4**	CHROMIUM COMPOUNDS					
					HG	**9**	**0.00042**	MERCURY & COMPOUNDS					
					MNC	**9**	**0.00084**	MANGANESE & COMPOUNDS					
					NH3	**9**	**0.8**	AMMONIA					
					NI	**9**	**0.00042**	NICKEL & COMPOUNDS					
					NO2	**9**	**20.0**	NITROGEN DIOXIDE					
					PB	**9**	**1.26E-3**	LEAD & COMPOUNDS					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PM10	**9**	**2.3**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**2.13E+0**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**9**	**3.3**	PARTICULATE MATTER (TOTAL)					
					SE	**9**	**2.10E-3**	SELENIUM & COMPOUNDS					
					SO2	**9**	**142.0**	SULFUR DIOXIDE					
					VOC	**9**	**0.2**	VOLATILE ORGANIC COMPOUNDS					
033 / 9					**69 - FLUID BED INCINERTR 17N06**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					106467	**9**	**0.0012**	1,4-DICHLOROBENZENE			**4.02e-5**		
					110543	**9**	**1.8**	HEXANE			**0.0603**		
					129000	**9**	**0.000005**	PYRENE			**1.68e-7**		
					206440	**9**	**0.000003**	FLUORANTHENE			**1.01e-7**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0025**		
					71432	**9**	**0.0021**	BENZENE			**7.04e-5**		
					74828	**9**	**2.3**	METHANE			**0.0771**		
					74840	**9**	**3.1**	ETHANE			**0.1039**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**4.36e-7**		
					85018	**9**	**0.000017**	PHENANTHRENE			**5.70e-7**		
					86737	**9**	**0.0000028**	FLUORENE			**9.38e-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**2.04e-5**		
					91576	**9**	**0.000024**	2-METHYLNAPTHALENE			**8.04e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS		**99.000**	**6.70e-8**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS		**99.000**	**3.69e-7**		
					CO	**9**	**84**	CARBON MONOXIDE			**2.8145**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**4020.6600**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS		**99.000**	**8.71e-8**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS		**99.000**	**1.27e-7**		
					NH3	**9**	**3.2**	AMMONIA			**0.1072**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS		**99.000**	**7.04e-7**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**3.3506**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS		**99.000**	**1.68e-7**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)		**99.000**	**0.0025**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)		**99.000**	**0.0025**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)		**99.000**	**0.0025**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE		**99.000**	**2.01e-4**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.1843**		
033 / 10					**69 - FLUID BED INCINERTR 17N06**				**0.500**			**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					102	**9**	**1.48E-6**	BENZO(B,J,K)FLUORANTHENE			**9.91E-11**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					120127	9	1.22E-6	ANTHRACENE			8.17E-11		
					129000	9	4.25E-6	PYRENE			2.84E-10		
					191242	9	2.26E-6	BENZO(G,H,I)PERYLENE			1.51E-10		
					193395	9	2.14E-6	INDENO(1,2,3-CD)PYRENE			1.43E-10		
					206440	9	4.84E-6	FLUORANTHENE			3.24E-10		
					208968	9	2.53E-7	ACENAPHTHYLENE			1.69E-11		
					218019	9	2.38E-6	CHRYSENE			1.59E-10		
					50000	9	3.30E-2	FORMALDEHYDE			2.211E-6		
					53703	9	1.67E-6	DIBENZO(A,H)ANTHRACENE			1.11E-10		
					56553	9	4.01E-6	BENZ(A)ANTHRACENE			2.68E-10		
					71432	9	2.14E-4	BENZENE			1.433E-8		
					7446119	9	2.0	SULFUR TRIOXIDE			6.70E-5		
					74828	9	5.20E-2	METHANE			3.484E-6		
					75070	9	4.90E-3	ACETALDEHYDE			3.283E-7		
					83329	9	2.11E-5	ACENAPTHENE			1.413E-9		
					85018	9	1.05E-5	PHENANTHRENE			7.03E-10		
					86737	9	4.47E-6	FLUORENE			2.99E-10		
					91203	9	1.13E-3	NAPHTHALENE			7.571E-8		
					AS	9	0.00056	ARSENIC & COMPOUNDS		99.000	3.75E-10		
					BE	9	0.00042	BERYLLIUM & COMPOUNDS		99.000	2.81E-10		
					CD	9	0.00042	CADMIUM & COMPOUNDS		99.000	2.81E-10		
					CO	9	5.0	CARBON MONOXIDE			3.350E-4		
					CO2	9	2.23E+4	CARBON DIOXIDE			1.4941		
					CRC	9	4.20E-4	CHROMIUM COMPOUNDS		99.000	2.81E-10		
					HG	9	0.00042	MERCURY & COMPOUNDS		99.000	2.81E-10		
					MNC	9	0.00084	MANGANESE & COMPOUNDS		99.000	5.62E-10		
					NH3	9	0.8	AMMONIA			5.360E-5		
					NI	9	0.00042	NICKEL & COMPOUNDS		99.000	2.81E-10		
					NO2	9	20.0	NITROGEN DIOXIDE			0.0013		
					PB	9	1.26E-3	LEAD & COMPOUNDS		99.000	8.44E-10		
					PM10	9	2.3	PM (LESS THAN 10 MICRONS)		99.000	1.541E-6		
					PM2.5	9	2.13E+0	PM (LESS THAN 2.5 MICRONS)		99.000	1.427E-6		
					PT	9	3.3	PARTICULATE MATTER (TOTAL)		99.000	2.211E-6		
					SE	9	2.10E-3	SELENIUM & COMPOUNDS		99.000	1.407E-9		
					SO2	9	142.0	SULFUR DIOXIDE		99.000	4.757E-5		
					VOC	9	0.2	VOLATILE ORGANIC COMPOUNDS			1.340E-5		
033 / 11					69 - FLUID BED INCINERTR 17N06							02/06/2014	4XN
					CONFIDENTIAL DATA IN PROCESS								
					626	1		DIOXINS/FURANS (AS TEQ UNITS)			1.21E-9		
					7647010	1		HYDROCHLORIC ACID			0.0190		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					CD	**1**		CADMIUM & COMPOUNDS		**99.000**	**2.06E-4**		
					CO	**1**		CARBON MONOXIDE			**0.0544**		
					HG	**1**		MERCURY & COMPOUNDS		**99.000**	**3.42E-4**		
					NO2	**1**		NITROGEN DIOXIDE			**7.9374**		
					PB	**1**		LEAD & COMPOUNDS		**99.000**	**3.09E-03**		
					PT	**1**		PARTICULATE MATTER (TOTAL)		**99.000**	**1.8364**		
					SO2	**1**		SULFUR DIOXIDE		**99.000**	**2.1224**		
					VOC	**1**		VOLATILE ORGANIC COMPOUNDS			**1.21E-9**		
033 / 12					**69 - FLUID BED INCINERTR 17N06**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0E+0**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**99.000**	**0.0000**		
033 / 13					**69 - FLUID BED INCINERTR 17N06**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.000**	**0.0167**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.000**	**0.0167**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**99.000**	**0.0167**		
033 / 14					**69 - FLUID BED INCINERTR 17N06**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**99.000**	**0.0383**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**99.000**	**0.0383**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**99.000**	**0.0383**		
IA1	**INSIGNIFICANT ACTIVITIES**	CONFIDENTIAL DATA IN GROUP											
IA1 / 1					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					1310732	**4**		SODIUM HYDROXIDE			**0.4380**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**2.1900**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**2.1900**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**2.1900**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**4.3800**		
IA1 / 2					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					1310732	**4**		SODIUM HYDROXIDE			**0.0039**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.2800**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.2800**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.2800**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.2800**		
IA1 / 3					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**1.42e-4**		
IA1 / 4					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 5					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0011**		
IA1 / 6					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 7					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 8					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 9					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 10					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0165**		
IA1 / 11					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 12					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								

Note: Method Codes are: 1) Source Test 2) EFIS Equation/Material Balance 3) Manually Calculated/AP-42 EF 4) Engineering Judgement 6) New Construction 7) Source Closed 9) EFIS Calculated/Local EF M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 13					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0703**		
IA1 / 14					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0015**		
IA1 / 15					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0044**		
IA1 / 16					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0010**		
IA1 / 17					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.4502**		
IA1 / 18					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0044**		
IA1 / 19					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0259**		
IA1 / 22					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0044**		
IA1 / 23					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 24					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0165**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IA1 / 25					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 26					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**3.71e-6**		
IA1 / 27					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0026**		
IA1 / 28					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**8.60e-5**		
IA1 / 30					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**1.86e-6**		
IA1 / 31					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.1430**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.1430**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**1.4300**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 32					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 33					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 34					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0015**		
IA1 / 35					**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.6500**		
IA1 / 36					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.3755**		
IA1 / 37					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 38					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 40					**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS								
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0000**		
IA1 / 41					**44**	**- GENERATOR, 16M0501**			**0.500**			**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS								
					120127	**9**	**1.87E-06**	ANTHRACENE			**5.63e-9**		
					129000	**9**	**4.78e-06**	PYRENE			**1.44e-8**		
					206440	**9**	**7.61e-06**	FLUORANTHENE			**2.29e-8**		
					218019	**9**	**3.53E-07**	CHRYSENE			**1.06e-9**		
					50000	**9**	**1.18e-03**	FORMALDEHYDE			**3.55e-6**		
					56553	**9**	**1.68E-06**	BENZ(A)ANTHRACENE			**5.06e-9**		
					71432	**9**	**9.33e-04**	BENZENE			**2.81e-6**		
					75070	**9**	**7.67e-04**	ACETALDEHYDE			**2.31e-6**		
					85018	**9**	**2.94e-05**	PHENANTHRENE			**8.85e-8**		
					86737	**9**	**2.92e-05**	FLUORENE			**8.79e-8**		
					91203	**9**	**8.48e-05**	NAPHTHALENE			**2.55e-7**		
					CO	**9**	**0.95**	CARBON MONOXIDE			**0.0029**		
					CO2	**9**	**164**	CARBON DIOXIDE			**0.4936**		
					NO2	**9**	**4.41**	NITROGEN DIOXIDE			**0.0133**		
					PM10	**9**	**0.31**	PM (LESS THAN 10 MICRONS)			**0.0009**		
					PM2.5	**9**	**0.31**	PM (LESS THAN 2.5 MICRONS)			**0.0009**		
					PT	**9**	**0.31**	PARTICULATE MATTER (TOTAL)			**0.0009**		
					SO2	**9**	**0.29**	SULFUR DIOXIDE			**0.0009**		
					VOC	**9**	**0.36**	VOLATILE ORGANIC COMPOUNDS			**0.0011**		

Note: Method Codes are: 1) Source Test 2) EFIS Equation/Material Balance 3) Manually Calculated/AP-42 EF 4) Engineering Judgement 6) New Construction 7) Source Closed 9) EFIS Calculated/Local EF M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor		Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IA1 / 42					**82 - 8001**				**0.500**				**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS									
					120127	**9**	**1.87E-6**	ANTHRACENE				**7.675E-8**		
					129000	**9**	**4.78E-06**	PYRENE				**1.961E-7**		
					206440	**9**	**7.61E-06**	FLUORANTHENE				**3.123E-7**		
					218019	**9**	**3.53E-07**	CHRYSENE				**1.448E-8**		
					50000	**9**	**1.18E-03**	FORMALDEHYDE				**4.843E-5**		
					56553	**9**	**1.68E-06**	BENZ(A)ANTHRACENE				**6.895E-8**		
					71432	**9**	**9.33E-04**	BENZENE				**3.829E-5**		
					75070	**9**	**7.67E-04**	ACETALDEHYDE				**3.148E-5**		
					85018	**9**	**2.94E-05**	PHENANTHRENE				**1.206E-6**		
					86737	**9**	**2.92E-05**	FLUORENE				**1.198E-6**		
					91203	**9**	**8.48E-05**	NAPHTHALENE				**3.480E-6**		
					CO	**9**	**9.50E-01**	CARBON MONOXIDE				**0.0390**		
					CO2	**9**	**1.64E+02**	CARBON DIOXIDE				**6.7314**		
					NO2	**9**	**4.41E+00**	NITROGEN DIOXIDE				**0.1810**		
					PM10	**9**	**3.10E-01**	PM (LESS THAN 10 MICRONS)				**0.0127**		
					PM2.5	**9**	**3.10E-01**	PM (LESS THAN 2.5 MICRONS)				**0.0127**		
					PT	**9**	**3.10E-01**	PARTICULATE MATTER (TOTAL)				**0.0127**		
					SO2	**9**	**2.90E-01**	SULFUR DIOXIDE				**0.0119**		
					VOC	**9**	**3.60E-01**	VOLATILE ORGANIC COMPOUNDS				**0.0148**		
IA1 / 43					**87 - 17L0106**								**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS									
					107211	**4**		ETHYLENE GLYCOL				**0.1300**		
					67561	**4**		METHANOL				**0.0000**		
					75070	**4**		ACETALDEHYDE				**0.0000**		
					CO	**4**		CARBON MONOXIDE				**0.0000**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)				**0.0000**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)				**0.0000**		
					PT	**4**		PARTICULATE MATTER (TOTAL)				**0.0000**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS				**0.1300**		
IA1 / 44					**78 - FUGITIVE DEFAULT EP**								**02/06/2014**	**ADM**
					CONFIDENTIAL DATA IN PROCESS									
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS				**0.0329**		
IA1 / 45					**78 - FUGITIVE DEFAULT EP**								**02/06/2014**	**4XN**
					CONFIDENTIAL DATA IN PROCESS									
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS				**0.0034**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IA1/46	**246HP EMERGENCY FW PUMP**	**20300101**	**61.80**	MMBTU Distillate Oil (Diesel) Bur	**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					120127	**9**	**1.87E-06**	ANTHRACENE			**5.78e-8**		
					129000	**9**	**4.78E-06**	PYRENE			**1.48e-7**		
					206440	**9**	**7.61E-06**	FLUORANTHENE			**2.35e-7**		
					218019	**9**	**3.53E-07**	CHRYSENE			**1.09e-8**		
					50000	**9**	**1.18E-03**	FORMALDEHYDE			**3.65e-5**		
					56553	**9**	**1.68E-06**	BENZ(A)ANTHRACENE			**5.19e-8**		
					71432	**9**	**9.33E-04**	BENZENE			**2.88e-5**		
					75070	**9**	**7.67E-04**	ACETALDEHYDE			**2.37e-5**		
					85018	**9**	**2.94E-05**	PHENANTHRENE			**9.09e-7**		
					86737	**9**	**2.92E-05**	FLUORENE			**9.02e-7**		
					91203	**9**	**8.48E-05**	NAPHTHALENE			**2.62e-6**		
					CO	**9**	**9.50E-01**	CARBON MONOXIDE			**0.0294**		
					CO2	**9**	**1.64E+02**	CARBON DIOXIDE			**5.0676**		
					NO2	**9**	**4.41E+00**	NITROGEN DIOXIDE			**0.1363**		
					PM10	**9**	**3.10E-01**	PM (LESS THAN 10 MICRONS)			**0.0096**		
					PM2.5	**9**	**3.10E-01**	PM (LESS THAN 2.5 MICRONS)			**0.0096**		
					PT	**9**	**3.10E-01**	PARTICULATE MATTER (TOTAL)			**0.0096**		
					SO2	**9**	**2.90E-01**	SULFUR DIOXIDE			**0.0090**		
					VOC	**9**	**3.60E-01**	VOLATILE ORGANIC COMPOUNDS			**0.0111**		
IA1/47	**2-580HP EMERGENCY FW PUMP**	**20300101**	**427.67**	MMBTU Distillate Oil (Diesel) Bur	**78 - FUGITIVE DEFAULT EP**							**02/06/2014**	**ADM**
					120127	**9**	**1.87E-06**	ANTHRACENE			**4.00e-7**		
					129000	**9**	**4.78E-06**	PYRENE			**1.02e-6**		
					206440	**9**	**7.61E-06**	FLUORANTHENE			**1.63e-6**		
					218019	**9**	**3.53E-07**	CHRYSENE			**7.55e-8**		
					50000	**9**	**1.18E-03**	FORMALDEHYDE			**2.52e-4**		
					56553	**9**	**1.68E-06**	BENZ(A)ANTHRACENE			**3.59e-7**		
					71432	**9**	**9.33E-04**	BENZENE			**2.00e-4**		
					75070	**9**	**7.67E-04**	ACETALDEHYDE			**1.64e-4**		
					85018	**9**	**2.94E-05**	PHENANTHRENE			**6.29e-6**		
					86737	**9**	**2.92E-05**	FLUORENE			**6.24e-6**		
					91203	**9**	**8.48E-05**	NAPHTHALENE			**1.81e-5**		
					CO	**9**	**9.50E-01**	CARBON MONOXIDE			**0.2031**		
					CO2	**9**	**1.64E+02**	CARBON DIOXIDE			**35.0689**		
					NO2	**9**	**4.41E+00**	NITROGEN DIOXIDE			**0.9430**		
					PM10	**9**	**3.10E-01**	PM (LESS THAN 10 MICRONS)			**0.0663**		
					PM2.5	**9**	**3.10E-01**	PM (LESS THAN 2.5 MICRONS)			**0.0663**		
					PT	**9**	**3.10E-01**	PARTICULATE MATTER (TOTAL)			**0.0663**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					SO2	**9**	**2.90E-01**	SULFUR DIOXIDE			**0.0620**		
					VOC	**9**	**3.60E-01**	VOLATILE ORGANIC COMPOUNDS			**0.0770**		
IA1 / 48	**BIO FEED TANK - 17K01**	**30199998**		1000 Gallons Material Processed	**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**ADM**
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0014**		
IA1 / 49	**IPA FEED SYS, 17K&18K**	**30199998**		1000 Gallons Material Processed	**78**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**ADM**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0023**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0023**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0023**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emissions Inventory of CISWI Unit

IFCO Systems North America

State Major Source
No Recent Inventory Information Available

Emissions Inventory of CISWI Unit

Lee's Landing Mine

Conditional Major Source
No Recent Inventory Information Available

Emissions Inventory of CISWI Unit

Milliken (Blacksburg, SC)

SCDHEC

Detailed Emissions Inventory Report for **MILLIKEN & CO MAGNOLIA PLT**

From EI Data Year 2013

Permit: **0600-0007** County: **021-Cherokee** EQC Region: **Spartanburg EQC** Year of Emissions: **2012**

Plant Location:
157 NEW MILLIKEN RD
BLACKSBURG, SC

Latitude: **35º07'14"**
Longitude: **81º33'21"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3886.362**
UTM Horizontal: **449.474**

Contacts
Emissions: **BEN WILLIAMS**
Billing: **BEN WILLIAMS**

Telephone Numbers
(864)503-1757
(864)503-1757

Mailing Address:
MILLIKEN & CO MAGNOLIA PLT
PO BOX 1926 M482
SPARTANBURG, SC 29304

Principal Product:

Standard Industrial Classification:
2261 Finishing Plants, Cotton
2262 Finishing Plants, Synthetics

Facility Class: **A** Inventory Type **A (P)** No. Employees: **375**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **880.0**

North American Industrial Classification:
313310 Textile and Fabric Finishing Mills

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
ETHYL BENZENE (CAS:100414)	**X**		**X**	**X**				**0.0025**	
STYRENE (CAS:100425)	**X**		**X**	**X**				**3.681E-4**	
BENZYL CHLORIDE (CAS:100447)	**X**		**X**	**X**				**0.0103**	
BENZO(B,J,K)FLUORANTHENE (CAS:102)								******	
CAPROLACTAM (CAS:105602)	**X**			**X**				**0.0017**	
1,4-DICHLOROBENZENE (CAS:106467)	**X**		**X**	**X**				**0.0059**	
EPICHLOROHYDRIN (CAS:106898)	**X**		**X**	**X**		**X**		**9.180E-5**	
ETHYLENE DIBROMIDE (CAS:106934)	**X**		**X**	**X**				**1.767E-5**	
ACROLEIN (CAS:107028)	**X**		**X**	**X**		**X**		**0.0043**	
ETHYLENE DICHLORIDE (CAS:107062)	**X**		**X**	**X**				**5.891E-4**	
ACRYLONITRILE (CAS:107131)	**X**		**X**	**X**		**X**		**0.0336**	
ETHYLENE GLYCOL (CAS:107211)	**X**		**X**	**X**				**0.0307**	
VINYL ACETATE (CAS:108054)	**X**		**X**	**X**		**X**		**9.049E-4**	
METHYL ISOBUTYL KETONE (CAS:108101)								******	
TOLUENE (CAS:108883)	**X**		**X**	**X**				**0.0176**	
CHLOROBENZENE (CAS:108907)	**X**		**X**	**X**				**0.0013**	
PHENOL (CAS:108952)	**X**		**X**	**X**				**0.0298**	
HEXANE (CAS:110543)	**X**		**X**	**X**				**0.6120**	
BIS(2-ETHYLHEXYL)PHTHALATE (CAS:117817)	**X**		**X**	**X**				**0.0024**	
ANTHRACENE (CAS:120127)								******	

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SPARTANBURG, SC 29304

Principal Product:

Standard Industrial Classification:
2261 Finishing Plants, Cotton
2262 Finishing Plants, Synthetics

Facility Class: **A** Inventory Type **A (P)** No. Employees: **375**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **880.0**

North American Industrial Classification:
313310 Textile and Fabric Finishing Mills

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
2,4-DINITROTOLUENE (CAS:121142)	X		X	X				**4.122E-6**	
PROPIONALDEHYDE (CAS:123386)	X		X	X				**0.0056**	
1,4-DIOXANE (CAS:123911)	X		X	X				**3.0E-5**	
TETRACHLOROETHYLENE (PERCHLOROETHYLENE) (CAS:127184)		X			X			**0.0012**	**.0011715**
PYRENE (CAS:129000)	X		X	X				**1.697E-6**	
XYLENE (MIXED ISOMERS) (CAS:1330207)	X		X	X				**0.0018**	
ETHYL ACRYLATE (CAS:140885)								**	
ETHANOLAMINE (CAS:141435)	X			X				**1.0E-5**	
CHROMIUM (CR3) (CAS:16065831)		X			X			**0.0027**	
METHYL TERT-BUTYL ETHER (CAS:1634044)	X		X	X				**5.154E-4**	
CHROMIUM (CR6PT) (CAS:18540299)		X			X			**0.0012**	
BENZO(G,H,I)PERYLENE (CAS:191242)								**	
INDENO(1,2,3-CD)PYRENE (CAS:193395)								**	
FLUORANTHENE (CAS:206440)	X		X	X				**1.018E-6**	
ACENAPHTHYLENE (CAS:208968)								**	
CHRYSENE (CAS:218019)								**	
FORMALDEHYDE (CAS:50000)	X		X	X		X		**0.2874**	
2-CHLOROACETOPHENONE (CAS:532274)	X		X	X				**1.031E-4**	
DIBENZO(A,H)ANTHRACENE (CAS:53703)								**	
CARBON TETRACHLORIDE (CAS:56235)	X		X	X				**1.345E-5**	

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North American Industrial Classification:
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Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
BENZ(A)ANTHRACENE (CAS:56553)								**	
METHYLHYDRAZINE (CAS:60344)		X			X	X		0.0025	.0025039
DIOXINS/FURANS (AS TEQ UNITS) (CAS:626)	X		X	X				5.14E-11	
METHANOL (CAS:67561)	X		X	X				0.0636	
CHLOROFORM (CAS:67663)	X		X	X		X		9.092E-4	
BENZENE (CAS:71432)	X		X	X				0.0279	
1,1,1-TRICHLOROETHANE (METHYL CHLOROFORM) (CAS:71556)		X			X			0.0011	.0011013
SULFUR TRIOXIDE (CAS:7446119)								**	0
METHANE (CAS:74828)						X		1.6654	1.66539
METHYL BROMIDE (CAS:74839)		X			X			0.0024	.0023566
ETHANE (CAS:74840)						X		1.0524	1.052357
METHYL CHLORIDE (CHLOROMETHANE) (CAS:74873)	X		X	X		X		0.0078	
ETHYL CHLORIDE (CHLOROETHANE) (CAS:75003)	X		X	X		X		6.185E-4	
VINYL CHLORIDE (CAS:75014)	X		X	X		X		0.0091	
ACETONITRILE (CAS:75058)	X		X	X				0.0336	
ACETALDEHYDE (CAS:75070)	X		X	X		X		0.0092	
METHYLENE CHLORIDE (DICHLOROMETHANE) (CAS:75092)		X			X			0.0048	.0048098
CARBON DISULFIDE (CAS:75150)		X			X	X		0.0019	.0019147
ETHYLENE OXIDE (CAS:75218)	X		X	X		X		1.490E-4	
BROMOFORM (CAS:75252)	X		X	X				5.743E-4	

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Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
BROMODICHLOROMETHANE (CAS:75274)	X							**5.382E-6**	
HYDROCHLORIC ACID (CAS:7647010)		X			X	X		**0.0595**	**.0595143**
HYDROGEN FLUORIDE (CAS:7664393)		X				X		**0.1134**	**.11342**
SULFURIC ACID (CAS:7664939)					X			**0.8070**	**.807**
DIMETHYL SULFATE (CAS:77781)	X		X	X				**7.068E-4**	
ISOPHORONE (CAS:78591)	X		X	X				**0.0085**	
METHYL ETHYL KETONE (CAS:78933)	X			X				**0.0138**	
TRICHLOROETHYLENE (TRICHLOROETHENE) (CAS:79016)	X		X	X				**5.382E-4**	
ACRYLIC ACID (CAS:79107)								**	
MINERAL OIL MIST (PARAFFINIC) (CAS:8012951)	X			X				**1.0E-5**	
METHYL METHACRYLATE (CAS:80626)	X		X	X				**2.945E-4**	
ACENAPTHENE (CAS:83329)								**	
PHENANTHRENE (CAS:85018)	X		X	X				**5.770E-6**	
FLUORENE (CAS:86737)	X		X	X				**9.502E-7**	
NAPHTHALENE (CAS:91203)	X		X	X				**0.0123**	
QUINOLINE (CAS:91225)								**	
2-METHYLNAPTHALENE (CAS:91576)	X		X	X				**8.146E-6**	
CUMENE (CAS:98828)	X		X	X				**7.806E-5**	
ACETOPHENONE (CAS:98862)	X		X	X				**2.209E-4**	
ARSENIC & COMPOUNDS (AS)		X			X			**0.0082**	

Permit: **0600-0007** County: **021-Cherokee** EQC Region: **Spartanburg EQC** Year of Emissions: **2012**

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Standard Industrial Classification:
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2262 Finishing Plants, Synthetics

Facility Class: **A** Inventory Type **A (P)** No. Employees: **375**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **880.0**

North American Industrial Classification:
313310 Textile and Fabric Finishing Mills

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
BERYLLIUM & COMPOUNDS (BE)		X			X			**0.0019**	
CADMIUM & COMPOUNDS (CD)		X			X			**0.0019**	
CYANIDE COMPOUNDS (CNC)		X			X			**0.0368**	**.0368249**
CARBON MONOXIDE (CO)							A	**124.0798**	
CARBON DIOXIDE (CO2)								**124920.2000**	
COBALT COMPOUNDS (COC)		X			X			**0.0038**	
CHROMIUM COMPOUNDS (CRC)		X			X			**0.0079**	
GLYCOL ETHERS (GLYET)	X		X	X				**0.0051**	
MERCURY & COMPOUNDS (HG)		X			X		UK	**0.0020**	
MANGANESE & COMPOUNDS (MNC)		X			X			**0.0283**	
AMMONIA (NH3)						X		**1.0946**	**1.094623**
NICKEL & COMPOUNDS (NI)		X			X			**0.0110**	
NITROGEN DIOXIDE (NO2)							A	**199.5070**	**199.507**
LEAD & COMPOUNDS (PB)		X			X			**0.0123**	
PM (LESS THAN 10 MICRONS) (PM10)								**129.8372**	
PM (LESS THAN 2.5 MICRONS) (PM2.5)								**58.3173**	
POLYCYCLIC ORGANIC MATTER (POM)	X		X	X				**3.063E-4**	
PARTICULATE MATTER (TOTAL) (PT)							A	**193.3031**	**193.3031**
ANTIMONY & COMPOUNDS (SB)		X			X			**0.0019**	
SELENIUM & COMPOUNDS (SE)		X			X			**0.0211**	

Permit: **0600-0007** County: **021-Cherokee** EQC Region: **Spartanburg EQC** Year of Emissions: **2012**

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Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
SULFUR DIOXIDE (SO2)						**X**	**A**	**472.4238**	**472.4238**
VOLATILE ORGANIC COMPOUNDS (VOC)							**A**	**63.3942**	**63.39424**

Total VOC HAPs: 1.2296 Total Non VOC HAPs: 0.3278 Total HAPs: 1.5573

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
001	**PREPARATION RANGES 1,2&4**												
001 / 1	**#1 PREP RANGE-NAT GAS**	**39000699**	**0**	Million Cubic Feet Natural Gas Burned	**23 - #1 PREPARATION RANGE**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**0.0000**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0000**		
					129000	**9**	**0.000005**	PYRENE			**0.0000**		
					206440	**9**	**0.000003**	FLUORANTHENE			**0.0000**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0000**		
					71432	**9**	**0.0021**	BENZENE			**0.0000**		
					74828	**9**	**2.3**	METHANE			**0.0000**		
					74840	**9**	**3.1**	ETHANE			**0.0000**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**0.0000**		
					85018	**9**	**0.000017**	PHENANTHRENE			**0.0000**		
					86737	**9**	**0.0000028**	FLUORENE			**0.0000**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**0.0000**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**0.0000**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**0.0000**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**0.0000**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.0000**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**0.0000**		
					HG	**9**	**2.60E-4**	MERCURY & COMPOUNDS			**0.0000**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**0.0000**		
					NH3	**9**	**3.2**	AMMONIA					
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**0.0000**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.0000**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**0.0000**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0000**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0000**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0000**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		
001 / 2	**#2 PREP RANGE-NAT GAS**	**39000699**	**1.67**	Million Cubic Feet Natural Gas Burned	**24 - #2 PREPARATION RANGE**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**1.00e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0015**		
					129000	**9**	**0.000005**	PYRENE			**4.18e-9**		
					206440	**9**	**0.000003**	FLUORANTHENE			**2.51e-9**		
					50000	**9**	**0.075**	FORMALDEHYDE			**6.26e-5**		
					71432	**9**	**0.0021**	BENZENE			**1.75e-6**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					74828	**9**	**2.3**	METHANE			**0.0019**		
					74840	**9**	**3.1**	ETHANE			**0.0026**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.09e-8**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.42e-8**		
					86737	**9**	**0.0000028**	FLUORENE			**2.34e-9**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**5.09e-7**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**2.00e-8**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.67e-7**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**9.19e-7**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.0701**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**100.2000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**2.17e-7**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**3.17e-7**		
					NH3	**9**	**3.2**	AMMONIA			**0.0027**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.75e-6**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.0835**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**4.18e-7**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0063**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0063**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0063**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0005**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0046**		
001 / 3	**#4 PREP RANGE-NAT GAS**	**39000699**	**1.85**	Million Cubic Feet Natural Gas Burned	**25 - #4 PREPARATION RANGE**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**1.11e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0017**		
					129000	**9**	**0.000005**	PYRENE			**4.63e-9**		
					206440	**9**	**3.00E-6**	FLUORANTHENE			**2.775E-9**		
					50000	**9**	**0.075**	FORMALDEHYDE			**6.94e-5**		
					71432	**9**	**0.0021**	BENZENE			**1.94e-6**		
					74828	**9**	**2.3**	METHANE			**0.0021**		
					74840	**9**	**3.1**	ETHANE			**0.0029**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.20e-8**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.57e-8**		
					86737	**9**	**0.0000028**	FLUORENE			**2.59e-9**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**5.64e-7**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**2.22e-8**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.85e-7**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**1.02e-6**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.0777**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					CO2	**9**	**120000**	CARBON DIOXIDE			**111.0000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**2.41e-7**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**3.52e-7**		
					NH3	**9**	**3.2**	AMMONIA			**0.0030**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.94e-6**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.0925**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**4.63e-7**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0070**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0070**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0070**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0006**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0051**		
001 / 4	**OTHER PROCESS LOSS**	**33000106**	**465.4**	Tons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**MSJ**
					50000	**4**		FORMALDEHYDE			**0.0006**		
					75218	**4**		ETHYLENE OXIDE			**0.0000**		
					7647010	**4**		HYDROCHLORIC ACID			**0.0000**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**11.2000**		
001 / 5	**PREP RANGES-PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**25 - #4 PREPARATION RANGE**							**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**7.5**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**13**	NITROGEN DIOXIDE					
					PM10	**9**	**0.7**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**0.7**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.7**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
002	**PREPARATION RANGE #3**												
002 / 1	**#3 PREP RANGE-NAT GAS**	**39000699**	**4.2**	Million Cubic Feet Natural Gas Burned	**26 - # 3 PREPARATION RANGE**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**2.52e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0038**		
					129000	**9**	**0.000005**	PYRENE			**1.05e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**6.30e-9**		
					50000	**9**	**0.075**	FORMALDEHYDE			**1.58e-4**		
					71432	**9**	**0.0021**	BENZENE			**4.41e-6**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					74828	**9**	**2.3**	METHANE			**0.0048**		
					74840	**9**	**3.1**	ETHANE			**0.0065**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**2.73e-8**		
					85018	**9**	**0.000017**	PHENANTHRENE			**3.57e-8**		
					86737	**9**	**0.0000028**	FLUORENE			**5.88e-9**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**1.28e-6**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**5.04e-8**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**4.20e-7**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**2.31e-6**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.1764**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**252.0000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**5.46e-7**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**7.98e-7**		
					NH3	**9**	**3.2**	AMMONIA			**0.0067**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**4.41e-6**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.2100**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**1.05e-6**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0160**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0160**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0160**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0013**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0116**		
002 / 2	**OTHER PROCESS LOSS**	**33000106**	**334**	Tons Material Processed	**30**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**MSJ**
					50000	**4**		FORMALDEHYDE			**0.0005**		
					7647010	**4**		HYDROCHLORIC ACID			**0.0000**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0300**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**8.1000**		
002 / 3	**#3 PREP RANGE-PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**26**	**- # 3 PREPARATION RANGE**						**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**7.5**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**13**	NITROGEN DIOXIDE					
					PM10	**9**	**0.7**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**0.7**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.7**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
003	**HEATSET RANGES NATGAS/PRO**												
003 / 1	**HEATSET#1 NAT GAS**	**39000699**	**0**	Million Cubic Feet Natural Gas Burned	**27 - HEATSET #1**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**0.0000**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0000**		
					129000	**9**	**0.000005**	PYRENE			**0.0000**		
					206440	**9**	**0.000003**	FLUORANTHENE			**0.0000**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0000**		
					71432	**9**	**0.0021**	BENZENE			**0.0000**		
					74828	**9**	**2.3**	METHANE			**0.0000**		
					74840	**9**	**3.1**	ETHANE			**0.0000**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**0.0000**		
					85018	**9**	**0.000017**	PHENANTHRENE			**0.0000**		
					86737	**9**	**0.0000028**	FLUORENE			**0.0000**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**0.0000**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**0.0000**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**0.0000**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**0.0000**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.0000**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**0.0000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**0.0000**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**0.0000**		
					NH3	**9**	**3.2**	AMMONIA					
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**0.0000**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.0000**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**0.0000**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0000**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0000**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0000**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		
003 / 2	**HEATSET#1 PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**27 - HEATSET #1**							**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**7.5**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**13**	NITROGEN DIOXIDE					
					PM10	**9**	**0.7**	PM (LESS THAN 10 MICRONS)					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PM2.5	**9**	**0.7**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.7**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
003 / 3	**HEATSET#4 NAT GAS**	**39000699**	**22.22**	Million Cubic Feet Natural Gas Burned	**28 - HEATSET #4**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**1.33e-5**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0200**		
					129000	**9**	**0.000005**	PYRENE			**5.56e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**3.33e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0008**		
					71432	**9**	**0.0021**	BENZENE			**2.33e-5**		
					74828	**9**	**2.3**	METHANE			**0.0256**		
					74840	**9**	**3.1**	ETHANE			**0.0344**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.44e-7**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.89e-7**		
					86737	**9**	**0.0000028**	FLUORENE			**3.11e-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**6.78e-6**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**2.67e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**2.22e-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**1.22e-5**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.9332**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**1333.2000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**2.89e-6**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**4.22e-6**		
					NH3	**9**	**3.2**	AMMONIA			**0.0356**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**2.33e-5**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**1.1110**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**5.56e-6**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0844**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0844**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0844**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0067**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0611**		
003 / 4	**HEATSET#4 PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**28 - HEATSET #4**							**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**8.4**	CARBON MONOXIDE					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**15**	NITROGEN DIOXIDE					
					PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
003 / 5	**OTHER PROCESS LOSS**	**33000106**	**1.3**	Tons Material Processed	**30**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**MSJ**
					PT	**4**		PARTICULATE MATTER (TOTAL)			**1.8350**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**1.3000**		
004	**DYE RANGE #6 (ORION)**												
004 / 1	**DYE RANGE #6 NAT GAS**	**39000699**	**37.45**	Million Cubic Feet Natural Gas Burned	**22**	**- DYE RANGE #6**						**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**2.25e-5**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0337**		
					129000	**9**	**0.000005**	PYRENE			**9.36e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**5.62e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0014**		
					71432	**9**	**0.0021**	BENZENE			**3.93e-5**		
					74828	**9**	**2.3**	METHANE			**0.0431**		
					74840	**9**	**3.1**	ETHANE			**0.0580**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**2.43e-7**		
					85018	**9**	**0.000017**	PHENANTHRENE			**3.18e-7**		
					86737	**9**	**0.0000028**	FLUORENE			**5.24e-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**1.14e-5**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**4.49e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**3.75e-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**2.06e-5**		
					CO	**9**	**84**	CARBON MONOXIDE			**1.5729**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**2247.0000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**4.87e-6**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**7.12e-6**		
					NH3	**9**	**3.2**	AMMONIA			**0.0599**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**3.93e-5**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**1.8725**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**9.36e-6**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.1423**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.1423**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.1423**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0112**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.1030**		
004/2	**DYE RANGE #6 PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**22 - DYE RANGE #6**								**02/06/2014**	**DY3**
						74828	**9**	**0.2**	METHANE					
						CO	**9**	**8.4**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE					
						NO2	**9**	**15**	NITROGEN DIOXIDE					
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
004/3	**OTHER PROCESS LOSS**	**33000106**	**240.9**	Tons Material Processed	**30 - FUGITIVE DEFAULT EP**								**02/06/2014**	**MSJ**
						105602	**2**		CAPROLACTAM			**0.0000**		
						108054	**2**		VINYL ACETATE			**0.0000**		
						123911	**2**		1,4-DIOXANE			**0.0000**		
						50000	**2**		FORMALDEHYDE			**0.0188**		
						79107	**2**		ACRYLIC ACID			**0.0000**		
						91225	**2**		QUINOLINE			**0.0000**		
						GLYET	**2**		GLYCOL ETHERS			**2.40E-5**		
						HG	**4**		MERCURY & COMPOUNDS			**1.0E-6**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.3170**		
						VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**5.9000**		
005	**DYE I AREA DYE RANGES**													
005/1	**#1 DYE RANGE NAT GAS**	**39000699**	**26.66**	Million Cubic Feet Natural Gas Burned	**20 - #1 DYE RANGE**								**02/06/2014**	**DY3**
						106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**1.60e-5**		
						110543	**9**	**1.80E+0**	HEXANE			**0.0240**		
						129000	**9**	**0.000005**	PYRENE			**6.67e-8**		
						206440	**9**	**0.000003**	FLUORANTHENE			**4.00e-8**		
						50000	**9**	**0.075**	FORMALDEHYDE			**0.0010**		
						71432	**9**	**0.0021**	BENZENE			**2.80e-5**		
						74828	**9**	**2.3**	METHANE			**0.0307**		
						74840	**9**	**3.1**	ETHANE			**0.0413**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.73e-7**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						85018	9	0.000017	PHENANTHRENE			2.27e-7		
						86737	9	0.0000028	FLUORENE			3.73e-8		
						91203	9	6.10E-4	NAPHTHALENE			8.13e-6		
						91576	9	2.40E-5	2-METHYLNAPTHALENE			3.20e-7		
						AS	9	0.0002	ARSENIC & COMPOUNDS			2.67e-6		
						CD	9	0.0011	CADMIUM & COMPOUNDS			1.47e-5		
						CO	9	84	CARBON MONOXIDE			1.1197		
						CO2	9	120000	CARBON DIOXIDE			1599.6000		
						HG	9	0.00026	MERCURY & COMPOUNDS			3.47e-6		
						MNC	9	0.00038	MANGANESE & COMPOUNDS			5.07e-6		
						NH3	9	3.2	AMMONIA			0.0427		
						NI	9	0.0021	NICKEL & COMPOUNDS			2.80e-5		
						NO2	9	100.0	NITROGEN DIOXIDE			1.3330		
						PB	9	0.0005	LEAD & COMPOUNDS			6.67e-6		
						PM10	9	7.6	PM (LESS THAN 10 MICRONS)			0.1013		
						PM2.5	9	7.6	PM (LESS THAN 2.5 MICRONS)			0.1013		
						PT	9	7.6	PARTICULATE MATTER (TOTAL)			0.1013		
						SO2	9	0.6	SULFUR DIOXIDE			0.0080		
						VOC	9	5.5	VOLATILE ORGANIC COMPOUNDS			0.0733		
005 / 2	#1 DYE RANGE PROPANE	39001099	0	1000 Gallons Liquified Petroleum Gas (LP	20	- #1 DYE RANGE							02/06/2014	DY3
						74828	9	0.2	METHANE					
						CO	9	8.4	CARBON MONOXIDE					
						CO2	9	12500	CARBON DIOXIDE					
						NO2	9	15	NITROGEN DIOXIDE					
						PM10	9	0.8	PM (LESS THAN 10 MICRONS)					
						PM2.5	9	0.8	PM (LESS THAN 2.5 MICRONS)					
						PT	9	0.8	PARTICULATE MATTER (TOTAL)					
						SO2	9	0.09	SULFUR DIOXIDE					
						VOC	9	0.9	VOLATILE ORGANIC COMPOUNDS					
005 / 3	#2 DYE RANGE NAT GAS	39000699	7.6	Million Cubic Feet Natural Gas Burned	21	- #2 DYE RANGE							02/06/2014	DY3
						106467	9	1.20E-3	1,4-DICHLOROBENZENE			4.56e-6		
						110543	9	1.80E+0	HEXANE			0.0068		
						129000	9	0.000005	PYRENE			1.90e-8		
						206440	9	0.000003	FLUORANTHENE			1.14e-8		
						50000	9	0.075	FORMALDEHYDE			2.85e-4		
						71432	9	0.0021	BENZENE			7.98e-6		

Note: Method Codes are: 1) Source Test 2) EFIS Equation/Material Balance 3) Manually Calculated/AP-42 EF 4) Engineering Judgement 6) New Construction 7) Source Closed 9) EFIS Calculated/Local EF M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						74828	**9**	**2.3**	METHANE			**0.0087**		
						74840	**9**	**3.1**	ETHANE			**0.0118**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**4.94e-8**		
						85018	**9**	**0.000017**	PHENANTHRENE			**6.46e-8**		
						86737	**9**	**0.0000028**	FLUORENE			**1.06e-8**		
						91203	**9**	**6.10E-4**	NAPHTHALENE			**2.32e-6**		
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**9.12e-8**		
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**7.60e-7**		
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**4.18e-6**		
						CO	**9**	**84**	CARBON MONOXIDE			**0.3192**		
						CO2	**9**	**120000**	CARBON DIOXIDE			**456.0000**		
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**9.88e-7**		
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**1.44e-6**		
						NH3	**9**	**3.2**	AMMONIA			**0.0122**		
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**7.98e-6**		
						NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.3800**		
						PB	**9**	**0.0005**	LEAD & COMPOUNDS			**1.90e-6**		
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0289**		
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0289**		
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0289**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0023**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0209**		
005 / 4	**#2 DYE RANGE PROPANE**	**39001099**		**0** 1000 Gallons Liquified Petroleum Gas (LP	**21**	**- #2 DYE RANGE**							**02/06/2014**	**DY3**
						74828	**9**	**0.2**	METHANE					
						CO	**9**	**8.4**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE					
						NO2	**9**	**15**	NITROGEN DIOXIDE					
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
005 / 5	**#5 DYE RANGE NAT GAS**	**39000699**	**50.03**	Million Cubic Feet Natural Gas Burned	**5**	**- #5 DYE RANGE**							**02/06/2014**	**DY3**
						106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**3.00e-5**		
						110543	**9**	**1.80E+0**	HEXANE			**0.0450**		
						129000	**9**	**0.000005**	PYRENE			**1.25e-7**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						206440	**9**	**0.000003**	FLUORANTHENE			**7.51e-8**		
						50000	**9**	**0.075**	FORMALDEHYDE			**0.0019**		
						71432	**9**	**0.0021**	BENZENE			**5.25e-5**		
						74828	**9**	**2.3**	METHANE			**0.0575**		
						74840	**9**	**3.1**	ETHANE			**0.0775**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**3.25e-7**		
						85018	**9**	**0.000017**	PHENANTHRENE			**4.25e-7**		
						86737	**9**	**0.0000028**	FLUORENE			**7.00e-8**		
						91203	**9**	**6.10E-4**	NAPHTHALENE			**1.53e-5**		
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**6.00e-7**		
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**5.00e-6**		
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**2.75e-5**		
						CO	**9**	**84**	CARBON MONOXIDE			**2.1013**		
						CO2	**9**	**120000**	CARBON DIOXIDE			**3001.8000**		
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**6.50e-6**		
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**9.51e-6**		
						NH3	**9**	**3.2**	AMMONIA			**0.0800**		
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**5.25e-5**		
						NO2	**9**	**100.0**	NITROGEN DIOXIDE			**2.5015**		
						PB	**9**	**0.0005**	LEAD & COMPOUNDS			**1.25e-5**		
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.1901**		
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.1901**		
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.1901**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0150**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.1376**		
005 / 6	**#5 DYE RANGE PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**5**	**- #5 DYE RANGE**							**02/06/2014**	**DY3**
						74828	**9**	**0.2**	METHANE					
						CO	**9**	**8.4**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE					
						NO2	**9**	**15**	NITROGEN DIOXIDE					
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
005 / 7	**PAD STEAM #2**	**39000699**	**0**	Million Cubic Feet Natural Gas Burned	**13**	**- PAD STEAM #2**							**02/06/2014**	**DY3**

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**0.0000**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0000**		
					129000	**9**	**0.000005**	PYRENE			**0.0000**		
					206440	**9**	**0.000003**	FLUORANTHENE			**0.0000**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0000**		
					71432	**9**	**0.0021**	BENZENE			**0.0000**		
					74828	**9**	**2.3**	METHANE			**0.0000**		
					74840	**9**	**3.1**	ETHANE			**0.0000**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**0.0000**		
					85018	**9**	**0.000017**	PHENANTHRENE			**0.0000**		
					86737	**9**	**0.0000028**	FLUORENE			**0.0000**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**0.0000**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**0.0000**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**0.0000**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**0.0000**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.0000**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**0.0000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**0.0000**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**0.0000**		
					NH3	**9**	**3.2**	AMMONIA					
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**0.0000**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.0000**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**0.0000**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0000**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0000**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0000**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		
005 / 8	**PAD DRY #3 NAT GAS**	**39000699**	**0**	Million Cubic Feet Natural Gas Burned	**18 - PAD DRYER #3**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE					
					110543	**9**	**1.80E+0**	HEXANE					
					129000	**9**	**0.000005**	PYRENE			**0.0000**		
					206440	**9**	**0.000003**	FLUORANTHENE			**0.0000**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0000**		
					71432	**9**	**0.0021**	BENZENE			**0.0000**		
					74828	**9**	**2.3**	METHANE			**0.0000**		
					74840	**9**	**3.1**	ETHANE			**0.0000**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**0.00E+0**		
					85018	**9**	**0.000017**	PHENANTHRENE			**0.0000**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						86737	9	0.0000028	FLUORENE			0.0000		
						91203	9	6.10E-4	NAPHTHALENE			0.00E+0		
						91576	9	2.40E-5	2-METHYLNAPTHALENE					
						AS	9	0.0002	ARSENIC & COMPOUNDS			0.0000		
						CD	9	0.0011	CADMIUM & COMPOUNDS			0.0000		
						CO	9	84	CARBON MONOXIDE			0.0000		
						CO2	9	120000	CARBON DIOXIDE			0.0000		
						HG	9	0.00026	MERCURY & COMPOUNDS			0.0000		
						MNC	9	0.00038	MANGANESE & COMPOUNDS			0.0000		
						NH3	9	3.2	AMMONIA					
						NI	9	0.0021	NICKEL & COMPOUNDS			0.0000		
						NO2	9	100.0	NITROGEN DIOXIDE			0.0000		
						PB	9	0.0005	LEAD & COMPOUNDS			0.0000		
						PM10	9	7.6	PM (LESS THAN 10 MICRONS)			0.0000		
						PM2.5	9	7.6	PM (LESS THAN 2.5 MICRONS)			0.0000		
						PT	9	7.6	PARTICULATE MATTER (TOTAL)			0.0000		
						SO2	9	0.6	SULFUR DIOXIDE			0.0000		
						VOC	9	5.5	VOLATILE ORGANIC COMPOUNDS			0.0000		
005 / 9	PAD DRY #3 PROPANE	39001099	0	1000 Gallons Liquified Petroleum Gas (LP	18	- PAD DRYER #3							02/06/2014	DY3
						74828	9	0.2	METHANE					
						CO	9	8.4	CARBON MONOXIDE					
						CO2	9	12500	CARBON DIOXIDE					
						NO2	9	15	NITROGEN DIOXIDE					
						PM10	9	0.8	PM (LESS THAN 10 MICRONS)					
						PM2.5	9	0.8	PM (LESS THAN 2.5 MICRONS)					
						PT	9	0.8	PARTICULATE MATTER (TOTAL)					
						SO2	9	0.09	SULFUR DIOXIDE					
						VOC	9	0.9	VOLATILE ORGANIC COMPOUNDS					
005 / 10	PAD DRY #4 NAT GAS	39000699	0	Million Cubic Feet Natural Gas Burned	19	- #4 PAD DRYER							02/06/2014	DY3
						106467	9	1.20E-3	1,4-DICHLOROBENZENE					
						110543	9	1.80E+0	HEXANE					
						129000	9	0.000005	PYRENE					
						206440	9	0.000003	FLUORANTHENE					
						50000	9	0.075	FORMALDEHYDE					
						71432	9	0.0021	BENZENE					
						74828	9	2.3	METHANE					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					74840	**9**	**3.1**	ETHANE					
					75070	**9**	**1.30E-5**	ACETALDEHYDE					
					85018	**9**	**0.000017**	PHENANTHRENE					
					86737	**9**	**0.0000028**	FLUORENE					
					91203	**9**	**6.10E-4**	NAPHTHALENE					
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE					
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS					
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS					
					CO	**9**	**84**	CARBON MONOXIDE					
					CO2	**9**	**120000**	CARBON DIOXIDE					
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS					
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS					
					NH3	**9**	**3.2**	AMMONIA					
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS					
					NO2	**9**	**100.0**	NITROGEN DIOXIDE					
					PB	**9**	**0.0005**	LEAD & COMPOUNDS					
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.6**	SULFUR DIOXIDE					
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS					
005 / 11	**OTHER PROCESS LOSSES**	**33000106**	**605.5**	Tons Material Processed	**30**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**MSJ**
					105602	**2**		CAPROLACTAM			**0.0000**		
					108054	**2**		VINYL ACETATE			**0.0000**		
					123911	**2**		1,4-DIOXANE			**0.0000**		
					50000	**2**		FORMALDEHYDE			**0.0492**		
					79107	**2**		ACRYLIC ACID			**0.0000**		
					91225	**2**		QUINOLINE			**0.0000**		
					GLYET	**2**		GLYCOL ETHERS			**0.0001**		
					HG	**4**		MERCURY & COMPOUNDS			**0.0000**		
					PT	**2**		PARTICULATE MATTER (TOTAL)			**0.0000**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**16.6000**		
005 / 12	**PAD DRY #4 PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**19**	**- #4 PAD DRYER**						**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**8.4**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**15**	NITROGEN DIOXIDE					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
005 / 13	**PAD DRY #4 NG**	**39000699**	**0**	Million Cubic Feet Natural Gas Burned	**19 - #4 PAD DRYER**								**02/06/2014**	**DY3**
						106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE					
						110543	**9**	**1.80E+0**	HEXANE					
						129000	**9**	**0.000005**	PYRENE			**0.0000**		
						206440	**9**	**0.000003**	FLUORANTHENE			**0.0000**		
						50000	**9**	**0.075**	FORMALDEHYDE			**0.0000**		
						71432	**9**	**0.0021**	BENZENE			**0.0000**		
						74828	**9**	**2.3**	METHANE			**0.0000**		
						74840	**9**	**3.1**	ETHANE			**0.0000**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**0.0000**		
						85018	**9**	**0.000017**	PHENANTHRENE			**0.0000**		
						86737	**9**	**0.0000028**	FLUORENE			**0.0000**		
						91203	**9**	**6.10E-4**	NAPHTHALENE			**0.0000**		
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE					
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**0.0000**		
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**0.0000**		
						CO	**9**	**84**	CARBON MONOXIDE			**0.0000**		
						CO2	**9**	**120000**	CARBON DIOXIDE			**0.0000**		
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**0.0000**		
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**0.0000**		
						NH3	**9**	**3.2**	AMMONIA					
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**0.0000**		
						NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.0000**		
						PB	**9**	**0.0005**	LEAD & COMPOUNDS			**0.0000**		
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0000**		
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0000**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0000**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		
006	**FINISHING 1 AREA RANGES**													
006 / 1	**OTHER PROCESS LOSSES**	**33000106**	**1051.04**	Tons Material Processed	**30 - FUGITIVE DEFAULT EP**								**02/06/2014**	**MSJ**
						106898	**4**		EPICHLOROHYDRIN			**4.37E-5**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					107211	**2**		ETHYLENE GLYCOL			**0.0273**		
					108054	**2**		VINYL ACETATE			**7.930E-4**		
					108101	**2**		METHYL ISOBUTYL KETONE			**0.0000**		
					123911	**2**		1,4-DIOXANE			**0.0000**		
					140885	**2**		ETHYL ACRYLATE			**0.0000**		
					50000	**2**		FORMALDEHYDE			**0.0386**		
					67561	**2**		METHANOL			**0.0086**		
					75014	**2**		VINYL CHLORIDE			**0.0003**		
					75070	**2**		ACETALDEHYDE			**0.0008**		
					75218	**2**		ETHYLENE OXIDE			**0.0001**		
					7647010	**2**		HYDROCHLORIC ACID			**0.0000**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**6.2510**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**13.3200**		
006 / 2	**#1 FINISHING RANGE PR**	**39001099**		**0** 1000 Gallons Liquified Petroleum Gas (LP	**6 - #1 FINISHING OVENS**							**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**8.4**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**15**	NITROGEN DIOXIDE					
					PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
006 / 3	**#4 FINISHING RANGE NG**	**39000699**		**0** Million Cubic Feet Natural Gas Burned	**7 - #4 FINISHING OVENS**							**02/06/2014**	**MSJ**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE					
					110543	**9**	**1.80E+0**	HEXANE					
					129000	**9**	**0.000005**	PYRENE					
					206440	**9**	**0.000003**	FLUORANTHENE					
					50000	**9**	**0.075**	FORMALDEHYDE					
					71432	**9**	**0.0021**	BENZENE					
					74828	**9**	**2.3**	METHANE					
					74840	**9**	**3.1**	ETHANE					
					75070	**9**	**1.30E-5**	ACETALDEHYDE					
					85018	**9**	**0.000017**	PHENANTHRENE					
					86737	**9**	**0.0000028**	FLUORENE					
					91203	**9**	**6.10E-4**	NAPHTHALENE					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE					
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS					
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS					
						CO	**9**	**84**	CARBON MONOXIDE					
						CO2	**9**	**120000**	CARBON DIOXIDE					
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS					
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS					
						NH3	**9**	**3.2**	AMMONIA					
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS					
						NO2	**9**	**100.0**	NITROGEN DIOXIDE					
						PB	**9**	**0.0005**	LEAD & COMPOUNDS					
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.6**	SULFUR DIOXIDE					
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS					
006 / 4	**#4 FINISHING RANGE PR**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**7**	**- #4 FINISHING OVENS**							**02/06/2014**	**DY3**
						74828	**9**	**0.2**	METHANE					
						CO	**9**	**8.4**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE					
						NO2	**9**	**15**	NITROGEN DIOXIDE					
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
006 / 5	**#5 FR NG -TENTER**	**39000699**	**28.93**	Million Cubic Feet Natural Gas Burned	**14**	**- #5 FINISHING RANGE**							**02/06/2014**	**DY3**
						106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**1.74e-5**		
						110543	**9**	**1.80E+0**	HEXANE			**0.0260**		
						129000	**9**	**0.000005**	PYRENE			**7.23e-8**		
						206440	**9**	**0.000003**	FLUORANTHENE			**4.34e-8**		
						50000	**9**	**0.075**	FORMALDEHYDE			**0.0011**		
						71432	**9**	**0.0021**	BENZENE			**3.04e-5**		
						74828	**9**	**2.3**	METHANE			**0.0333**		
						74840	**9**	**3.1**	ETHANE			**0.0448**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.88e-7**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					85018	**9**	**0.000017**	PHENANTHRENE			**2.46e-7**		
					86737	**9**	**0.0000028**	FLUORENE			**4.05e-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**8.82e-6**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**3.47e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**2.89e-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**1.59e-5**		
					CO	**9**	**84**	CARBON MONOXIDE			**1.2151**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**1735.8000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**3.76e-6**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**5.50e-6**		
					NH3	**9**	**3.2**	AMMONIA			**0.0463**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**3.04e-5**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**1.4465**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**7.23e-6**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.1099**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.1099**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.1099**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0087**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0796**		
006 / 6	**#5 FR PR -TENTER**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**14**	**- #5 FINISHING RANGE**						**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**8.4**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**15**	NITROGEN DIOXIDE					
					PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
006 / 7	**#7 FINISHING RANGE NG**	**39000699**	**13.51**	Million Cubic Feet Natural Gas Burned	**8**	**- #7 FINISHING OVEN**						**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**8.11e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0122**		
					129000	**9**	**0.000005**	PYRENE			**3.38e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**2.03e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0005**		
					71432	**9**	**0.0021**	BENZENE			**1.42e-5**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						74828	**9**	**2.3**	METHANE			**0.0155**		
						74840	**9**	**3.1**	ETHANE			**0.0209**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**8.78e-8**		
						85018	**9**	**0.000017**	PHENANTHRENE			**1.15e-7**		
						86737	**9**	**0.0000028**	FLUORENE			**1.89e-8**		
						91203	**9**	**6.10E-4**	NAPHTHALENE			**4.12e-6**		
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.62e-7**		
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.35e-6**		
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**7.43e-6**		
						CO	**9**	**84**	CARBON MONOXIDE			**0.5674**		
						CO2	**9**	**120000**	CARBON DIOXIDE			**810.6000**		
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**1.76e-6**		
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.57e-6**		
						NH3	**9**	**3.2**	AMMONIA			**0.0216**		
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.42e-5**		
						NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.6755**		
						PB	**9**	**0.0005**	LEAD & COMPOUNDS			**3.38e-6**		
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0513**		
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0513**		
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0513**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0041**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0372**		
006 / 8	**#7 FINISHING RANGE PR**	**39001099**		**0** 1000 Gallons Liquified Petroleum Gas (LP	**8**	**- #7 FINISHING OVEN**							**02/06/2014**	**DY3**
						74828	**9**	**0.2**	METHANE			**0.0000**		
						CO	**9**	**8.4**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE			**0.0000**		
						NO2	**9**	**15**	NITROGEN DIOXIDE					
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
006 / 9	**WHITE FR NG -OVEN**	**39000699**	**19.66**	Million Cubic Feet Natural Gas Burned	**15**	**- WHITE FINISHING RANGE**							**02/06/2014**	**DY3**
						106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**1.18e-5**		
						110543	**9**	**1.80E+0**	HEXANE			**0.0177**		
						129000	**9**	**0.000005**	PYRENE			**4.92e-8**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						206440	**9**	**0.000003**	FLUORANTHENE			**2.95e-8**		
						50000	**9**	**0.075**	FORMALDEHYDE			**0.0007**		
						71432	**9**	**0.0021**	BENZENE			**2.06e-5**		
						74828	**9**	**2.3**	METHANE			**0.0226**		
						74840	**9**	**3.1**	ETHANE			**0.0305**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.28e-7**		
						85018	**9**	**0.000017**	PHENANTHRENE			**1.67e-7**		
						86737	**9**	**0.0000028**	FLUORENE			**2.75e-8**		
						91203	**9**	**6.10E-4**	NAPHTHALENE			**6.00e-6**		
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**2.36e-7**		
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.97e-6**		
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**1.08e-5**		
						CO	**9**	**84**	CARBON MONOXIDE			**0.8257**		
						CO2	**9**	**120000**	CARBON DIOXIDE			**1179.6000**		
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**2.56e-6**		
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**3.74e-6**		
						NH3	**9**	**3.2**	AMMONIA			**0.0315**		
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**2.06e-5**		
						NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.9830**		
						PB	**9**	**0.0005**	LEAD & COMPOUNDS			**4.92e-6**		
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0747**		
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0747**		
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0747**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0059**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0541**		
006 / 10	**WHITE FR PROPANE-TENTER**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**15**	**- WHITE FINISHING RANGE**							**02/06/2014**	**DY3**
						74828	**9**	**0.2**	METHANE					
						CO	**9**	**8.4**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE					
						NO2	**9**	**15**	NITROGEN DIOXIDE					
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
006 / 11	**#1 FINISHING RANGE NG**	**39000699**	**0**	Million Cubic Feet Natural Gas Burned	**6**	**- #1 FINISHING OVENS**							**02/06/2014**	**MSJ**

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE					
					110543	**9**	**1.80E+0**	HEXANE					
					129000	**9**	**0.000005**	PYRENE					
					206440	**9**	**0.000003**	FLUORANTHENE					
					50000	**9**	**0.075**	FORMALDEHYDE					
					71432	**9**	**0.0021**	BENZENE					
					74828	**9**	**2.3**	METHANE					
					74840	**9**	**3.1**	ETHANE					
					75070	**9**	**1.30E-5**	ACETALDEHYDE					
					85018	**9**	**0.000017**	PHENANTHRENE					
					86737	**9**	**0.0000028**	FLUORENE					
					91203	**9**	**6.10E-4**	NAPHTHALENE					
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE					
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS					
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS					
					CO	**9**	**84**	CARBON MONOXIDE					
					CO2	**9**	**120000**	CARBON DIOXIDE					
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS					
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS					
					NH3	**9**	**3.2**	AMMONIA					
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS					
					NO2	**9**	**100.0**	NITROGEN DIOXIDE					
					PB	**9**	**0.0005**	LEAD & COMPOUNDS					
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.6**	SULFUR DIOXIDE					
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS					
006 / 12	**#5 FR NG -OVEN**	**39000699**	**0**	Million Cubic Feet Natural Gas Burned	**14**	**- #5 FINISHING RANGE**						**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE					
					110543	**9**	**1.80E+0**	HEXANE					
					129000	**9**	**0.000005**	PYRENE			**0.0000**		
					206440	**9**	**0.000003**	FLUORANTHENE			**0.0000**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0000**		
					71432	**9**	**0.0021**	BENZENE			**0.0000**		
					74828	**9**	**2.3**	METHANE			**0.0000**		
					74840	**9**	**3.1**	ETHANE			**0.0000**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**0.00E+0**		
					85018	**9**	**0.000017**	PHENANTHRENE			**0.0000**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					86737	**9**	**0.0000028**	FLUORENE			**0.0000**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**0.00E+0**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE					
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**0.0000**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**0.0000**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.0000**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**0.0000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**0.0000**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**0.0000**		
					NH3	**9**	**3.2**	AMMONIA					
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**0.0000**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.0000**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**0.0000**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0000**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0000**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0000**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		
006 / 13	**#5 FR PR -OVEN**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**14**	**- #5 FINISHING RANGE**						**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**8.4**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**15**	NITROGEN DIOXIDE					
					PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
006 / 14	**WHITE FR NG -TENTER**	**39000699**	**11.8**	Million Cubic Feet Natural Gas Burned	**15**	**- WHITE FINISHING RANGE**						**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**7.08e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0106**		
					129000	**9**	**0.000005**	PYRENE			**2.95e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**1.77e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**4.43e-4**		
					71432	**9**	**0.0021**	BENZENE			**1.24e-5**		
					74828	**9**	**2.3**	METHANE			**0.0136**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						74840	**9**	**3.1**	ETHANE			**0.0183**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**7.67e-8**		
						85018	**9**	**0.000017**	PHENANTHRENE			**1.00e-7**		
						86737	**9**	**0.0000028**	FLUORENE			**1.65e-8**		
						91203	**9**	**6.10E-4**	NAPHTHALENE			**3.60e-6**		
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.42e-7**		
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.18e-6**		
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**6.49e-6**		
						CO	**9**	**84**	CARBON MONOXIDE			**0.4956**		
						CO2	**9**	**120000**	CARBON DIOXIDE			**708.0000**		
						HG	**9**	**2.60E-4**	MERCURY & COMPOUNDS			**1.53e-6**		
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.24e-6**		
						NH3	**9**	**3.2**	AMMONIA			**0.0189**		
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.24e-5**		
						NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.5900**		
						PB	**9**	**0.0005**	LEAD & COMPOUNDS			**2.95e-6**		
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0448**		
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0448**		
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0448**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0035**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0325**		
006 / 15	**WHITE FR PR -OVEN**	**39001099**		**0**	1000 Gallons Liquified Petroleum Gas (LP	**15 - WHITE FINISHING RANGE**							**02/06/2014**	**DY3**
						74828	**9**	**0.2**	METHANE					
						CO	**9**	**8.4**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE					
						NO2	**9**	**15**	NITROGEN DIOXIDE					
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
007	**SANFORIZERS/SOMMERSETS**													
007 / 1	**SANFORIZERS/SOMMERSETS**	**33000499**			Tons Material Processed	**17 - SANFORIZERS 1,2,3**							**02/06/2014**	**MSJ**
						PT	**2**		PARTICULATE MATTER (TOTAL)			**9.9385**		
008	**FINISHING 2 AREA PINTENTS**													

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
008 / 1	**#1 PINETENTER NAT GAS**	**39000699**	**13.03**	Million Cubic Feet Natural Gas Burned	**9 - #1 PINTENTER**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**7.82e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0117**		
					129000	**9**	**0.000005**	PYRENE			**3.26e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**1.96e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0005**		
					71432	**9**	**0.0021**	BENZENE			**1.37e-5**		
					74828	**9**	**2.3**	METHANE			**0.0150**		
					74840	**9**	**3.1**	ETHANE			**0.0202**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**8.47e-8**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.11e-7**		
					86737	**9**	**0.0000028**	FLUORENE			**1.82e-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**3.97e-6**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.56e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.30e-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**7.17e-6**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.5473**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**781.8000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**1.69e-6**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.48e-6**		
					NH3	**9**	**3.2**	AMMONIA			**0.0208**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.37e-5**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.6515**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**3.26e-6**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0495**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0495**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0495**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0039**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0358**		
008 / 2	**#1 PINETENTER PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**9 - #1 PINTENTER**							**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**8.4**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**15**	NITROGEN DIOXIDE					
					PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
008 / 3	**#3 PINETENTER NAT GAS**	**39000699**	**2.68**	Million Cubic Feet Natural Gas Burned	**11 - #3 PINTENTER**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**1.61e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0024**		
					129000	**9**	**0.000005**	PYRENE			**6.70e-9**		
					206440	**9**	**0.000003**	FLUORANTHENE			**4.02e-9**		
					50000	**9**	**0.075**	FORMALDEHYDE			**1.01e-4**		
					71432	**9**	**0.0021**	BENZENE			**2.81e-6**		
					74828	**9**	**2.3**	METHANE			**0.0031**		
					74840	**9**	**3.1**	ETHANE			**0.0042**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.74e-8**		
					85018	**9**	**0.000017**	PHENANTHRENE			**2.28e-8**		
					86737	**9**	**0.0000028**	FLUORENE			**3.75e-9**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**8.17e-7**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**3.22e-8**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**2.68e-7**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**1.47e-6**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.1126**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**160.8000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**3.48e-7**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**5.09e-7**		
					NH3	**9**	**3.2**	AMMONIA			**0.0043**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**2.81e-6**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.1340**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**6.70e-7**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0102**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0102**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0102**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0008**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0074**		
008 / 4	**#3 PINETENTER PROPANE**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**11 - #3 PINTENTER**							**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**8.4**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**15**	NITROGEN DIOXIDE					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**0.09**	SULFUR DIOXIDE					
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
008 / 5	**OTHER PROCESS LOSSES**	**33000106**	**143.92**	Tons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**MSJ**
					107211	**4**		ETHYLENE GLYCOL			**0.0000**		
					108101	**4**		METHYL ISOBUTYL KETONE			**0.0000**		
					123911	**4**		1,4-DIOXANE			**0.0000**		
					50000	**4**		FORMALDEHYDE			**0.0069**		
					67561	**4**		METHANOL			**0.0010**		
					75070	**4**		ACETALDEHYDE			**0.0000**		
					75218	**4**		ETHYLENE OXIDE			**0.0000**		
					7647010	**4**		HYDROCHLORIC ACID			**0.0000**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**1.8200**		
009	**NAPPING LINES**												
009 / 1	**NAPPING**	**33000499**	**61.9**	Tons Material Processed	**12 - NAPPERS**							**02/06/2014**	**DY3**
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.4241**		
009 / 2	**NAPPING**	**33000499**	**150.48**	Tons Material Processed	**12 - NAPPERS**							**02/06/2014**	**DY3**
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.5972**		
010	**BOILER #1 COAL/SLUDGE/NG**												
010 / 1	**BLR #1 COAL USE**	**10200204**	**9107**	Tons Bituminous Coal Burned	**1 - BOILER #1**				**0.810**	**4.31**		**02/06/2014**	**MSJ**
					100414	**9**	**9.40E-5**	ETHYL BENZENE			**4.280E-4**		
					100425	**9**	**2.50E-5**	STYRENE			**1.138E-4**		
					100447	**9**	**7.00E-4**	BENZYL CHLORIDE			**0.0032**		
					106934	**9**	**1.20E-6**	ETHYLENE DIBROMIDE			**5.464E-6**		
					107028	**9**	**2.90E-4**	ACROLEIN			**0.0013**		
					107062	**9**	**4.00E-5**	ETHYLENE DICHLORIDE			**1.821E-4**		
					108054	**9**	**7.60E-6**	VINYL ACETATE			**3.460E-5**		
					108883	**9**	**2.40E-4**	TOLUENE			**0.0011**		
					108907	**9**	**2.20E-5**	CHLOROBENZENE			**1.001E-4**		
					108952	**9**	**1.60E-5**	PHENOL			**7.285E-5**		
					110543	**9**	**6.70E-5**	HEXANE			**3.050E-4**		
					117817	**9**	**7.30E-5**	BIS(2-ETHYLHEXYL)PHTHALATE			**3.324E-4**		
					121142	**9**	**2.80E-7**	2,4-DINITROTOLUENE			**1.274E-6**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					123386	9	3.80E-4	PROPIONALDEHYDE			0.0017		
					127184	9	4.30E-5	TETRACHLOROETHYLENE (PERCHL			1.958E-4		
					1330207	9	3.70E-5	XYLENE (MIXED ISOMERS)			1.684E-4		
					16065831	9	1.81E-4	CHROMIUM (CR3)			8.241E-4		
					1634044	9	3.50E-5	METHYL TERT-BUTYL ETHER			1.593E-4		
					18540299	9	7.90E-5	CHROMIUM (CR6PT)			3.597E-4		
					50000	9	2.40E-4	FORMALDEHYDE			0.0011		
					532274	9	7.00E-6	2-CHLOROACETOPHENONE			3.187E-5		
					60344	9	1.70E-4	METHYLHYDRAZINE			7.740E-4		
					626	9	3.50E-12	DIOXINS/FURANS (AS TEQ UNITS)			1.59E-11		
					67663	9	5.90E-5	CHLOROFORM			2.686E-4		
					71432	9	1.30E-3	BENZENE			0.0059		
					71556	9	2.00E-5	1,1,1-TRICHLOROETHANE (METHYL			9.107E-5		
					74828	9	0.06	METHANE			0.2732		
					74839	9	1.60E-4	METHYL BROMIDE			7.285E-4		
					74873	9	5.30E-4	METHYL CHLORIDE (CHLOROMETH			0.0024		
					75003	9	4.20E-5	ETHYL CHLORIDE (CHLOROETHANE			1.912E-4		
					75070	9	5.70E-4	ACETALDEHYDE			0.0026		
					75092	9	2.90E-4	METHYLENE CHLORIDE (DICHLORO			0.0013		
					75150	9	1.30E-4	CARBON DISULFIDE			5.919E-4		
					75252	9	3.90E-5	BROMOFORM			1.775E-4		
					7647010	1		HYDROCHLORIC ACID		98.823	0.0165		
					7664393	1		HYDROGEN FLUORIDE		94.100	0.0334		
					77781	9	4.80E-5	DIMETHYL SULFATE			2.185E-4		
					78591	9	5.80E-4	ISOPHORONE			0.0026		
					78933	9	3.90E-4	METHYL ETHYL KETONE			0.0018		
					80626	9	2.00E-5	METHYL METHACRYLATE			9.107E-5		
					98828	9	5.30E-6	CUMENE			2.413E-5		
					98862	9	1.50E-5	ACETOPHENONE			6.830E-5		
					AS	9	4.10E-4	ARSENIC & COMPOUNDS			0.0019		
					BE	9	2.10E-5	BERYLLIUM & COMPOUNDS			9.562E-5		
					CD	9	5.10E-5	CADMIUM & COMPOUNDS			2.322E-4		
					CNC	9	2.50E-3	CYANIDE COMPOUNDS			0.0114		
					CO	9	5.0	CARBON MONOXIDE			22.7675		
					CO2	9	5510	CARBON DIOXIDE			25089.7800		
					COC	9	1.00E-4	COBALT COMPOUNDS			4.553E-4		
					HG	9	8.30E-5	MERCURY & COMPOUNDS			3.779E-4		
					MNC	9	4.90E-4	MANGANESE & COMPOUNDS			0.0022		
					NH3	9	0.000565	AMMONIA			0.0026		
					NI	9	2.80E-4	NICKEL & COMPOUNDS			0.0013		
					NO2	9	11	NITROGEN DIOXIDE			50.0885		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PB	**9**	**4.20E-4**	LEAD & COMPOUNDS			**0.0019**		
					PM10	**3**		PM (LESS THAN 10 MICRONS)		**90.000**	**32.8695**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)		**90.000**	**14.9862**		
					POM	**9**	**2.08E-5**	POLYCYCLIC ORGANIC MATTER			**9.471E-5**		
					PT	**3**		PARTICULATE MATTER (TOTAL)		**90.000**	**43.1429**		
					SB	**9**	**1.80E-5**	ANTIMONY & COMPOUNDS			**8.196E-5**		
					SE	**9**	**1.30E-3**	SELENIUM & COMPOUNDS			**0.0059**		
					SO2	**9**	**38.0**	SULFUR DIOXIDE			**140.1567**		
					VOC	**9**	**0.05**	VOLATILE ORGANIC COMPOUNDS			**0.2277**		
010 / 2	**#1 BOILER SLUDGE USE**	**50300506**	**563**	Tons Dried Sludge Burned	**1 - BOILER #1**				**0.450**	**46.59**		**02/06/2014**	**DY3**
					100414	**9**	**0.0016**	ETHYL BENZENE			**4.504E-4**		
					106467	**9**	**0.0082**	1,4-DICHLOROBENZENE			**0.0023**		
					107131	**9**	**0.05**	ACRYLONITRILE			**0.0141**		
					108883	**9**	**0.015**	TOLUENE			**0.0042**		
					108907	**9**	**0.0015**	CHLOROBENZENE			**4.222E-4**		
					108952	**9**	**0.044**	PHENOL			**0.0124**		
					117817	**9**	**0.0019**	BIS(2-ETHYLHEXYL)PHTHALATE			**5.348E-4**		
					127184	**9**	**0.0008**	TETRACHLOROETHYLENE (PERCHL			**2.252E-4**		
					1330207	**9**	**0.0019**	XYLENE (MIXED ISOMERS)			**5.348E-4**		
					56235	**9**	**0.00002**	CARBON TETRACHLORIDE			**5.630E-6**		
					67663	**9**	**0.00006**	CHLOROFORM			**1.689E-5**		
					71432	**9**	**0.012**	BENZENE			**0.0034**		
					71556	**9**	**0.0012**	1,1,1-TRICHLOROETHANE (METHYL			**3.378E-4**		
					75014	**9**	**0.013**	VINYL CHLORIDE			**0.0037**		
					75058	**9**	**0.05**	ACETONITRILE			**0.0141**		
					75092	**9**	**0.0008**	METHYLENE CHLORIDE (DICHLORO			**2.252E-4**		
					75274	**9**	**0.000008**	BROMODICHLOROMETHANE			**2.252E-6**		
					7647010	**1**		HYDROCHLORIC ACID		**98.823**	**0.0000**		
					7664393	**1**		HYDROGEN FLUORIDE		**94.100**	**0.0000**		
					7664939	**9**	**1.2**	SULFURIC ACID			**0.3378**		
					78933	**9**	**0.012**	METHYL ETHYL KETONE			**0.0034**		
					79016	**9**	**0.0008**	TRICHLOROETHYLENE (TRICHLORC			**2.252E-4**		
					91203	**9**	**0.018**	NAPHTHALENE			**0.0051**		
					AS	**1**		ARSENIC & COMPOUNDS		**90.000**	**8.154E-4**		
					BE	**1**		BERYLLIUM & COMPOUNDS		**90.000**	**6.016E-4**		
					CD	**1**		CADMIUM & COMPOUNDS		**90.000**	**2.857E-4**		
					CO	**9**	**31**	CARBON MONOXIDE			**8.7265**		
					COC	**1**		COBALT COMPOUNDS		**90.000**	**8.827E-4**		
					CRC	**1**		CHROMIUM COMPOUNDS		**90.000**	**0.0030**		
					HG	**3**		MERCURY & COMPOUNDS		**90.000**	**2.80E-4**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					MNC	**1**		MANGANESE & COMPOUNDS		**90.000**	**0.0080**		
					NI	**1**		NICKEL & COMPOUNDS		**90.000**	**0.0024**		
					NO2	**9**	**5.0**	NITROGEN DIOXIDE			**1.4075**		
					PB	**1**		LEAD & COMPOUNDS		**90.000**	**0.0023**		
					PM10	**3**		PM (LESS THAN 10 MICRONS)		**90.000**	**0.1305**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)		**90.000**	**0.0668**		
					PT	**3**		PARTICULATE MATTER (TOTAL)		**90.000**	**0.1893**		
					SB	**1**		ANTIMONY & COMPOUNDS		**90.000**	**6.287E-4**		
					SE	**1**		SELENIUM & COMPOUNDS		**90.000**	**7.616E-4**		
					SO2	**9**	**28**	SULFUR DIOXIDE			**7.8820**		
					VOC	**9**	**1.0**	VOLATILE ORGANIC COMPOUNDS			**0.2815**		
010 / 3	**NAT GAS COMBUSTION**	**10200602**	**64.16**	Million Cubic Feet Natural Gas Burned	**1 - BOILER #1**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**3.849E-5**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0577**		
					129000	**9**	**0.000005**	PYRENE			**1.604E-7**		
					206440	**9**	**0.000003**	FLUORANTHENE			**9.624E-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0024**		
					71432	**9**	**0.0021**	BENZENE			**6.736E-5**		
					74828	**9**	**2.3**	METHANE			**0.0738**		
					74840	**9**	**3.1**	ETHANE			**0.0994**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**4.170E-7**		
					85018	**9**	**0.000017**	PHENANTHRENE			**5.453E-7**		
					86737	**9**	**0.0000028**	FLUORENE			**8.982E-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**1.956E-5**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**7.699E-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**6.416E-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**3.528E-5**		
					CO	**9**	**84.0**	CARBON MONOXIDE			**2.6947**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**3849.6000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**8.340E-6**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**1.219E-5**		
					NH3	**9**	**3.2**	AMMONIA			**0.1027**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**6.736E-5**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**3.2080**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**1.604E-5**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.2438**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.2438**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.2438**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0192**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.1764**		
010 / 4	**2 OIL COMBUSTION**	**10200501**	**0**	1000 Gallons Distillate Oil (No. 1 & 2)	**1 - BOILER #1**				**0.300**				**02/06/2014**	**DY3**
						102	**9**	**1.48E-6**	BENZO(B,J,K)FLUORANTHENE					
						120127	**9**	**1.22E-6**	ANTHRACENE					
						129000	**9**	**4.25E-6**	PYRENE					
						191242	**9**	**2.26E-6**	BENZO(G,H,I)PERYLENE					
						193395	**9**	**2.14E-6**	INDENO(1,2,3-CD)PYRENE					
						206440	**9**	**4.84E-6**	FLUORANTHENE					
						208968	**9**	**2.53E-7**	ACENAPHTHYLENE					
						218019	**9**	**2.38E-6**	CHRYSENE			**0.0000**		
						50000	**9**	**3.30E-2**	FORMALDEHYDE					
						53703	**9**	**1.67E-6**	DIBENZO(A,H)ANTHRACENE					
						56553	**9**	**4.01E-6**	BENZ(A)ANTHRACENE					
						71432	**9**	**2.14E-4**	BENZENE					
						7446119	**9**	**5.7**	SULFUR TRIOXIDE			**0.0000**		
						74828	**9**	**0.28**	METHANE			**0.0000**		
						75070	**9**	**4.90E-3**	ACETALDEHYDE			**0.0000**		
						83329	**9**	**2.11E-5**	ACENAPTHENE					
						85018	**9**	**1.05E-5**	PHENANTHRENE			**0.0000**		
						86737	**9**	**4.47E-6**	FLUORENE					
						91203	**9**	**1.13E-3**	NAPHTHALENE					
						AS	**9**	**0.00056**	ARSENIC & COMPOUNDS			**0.0000**		
						BE	**9**	**0.00042**	BERYLLIUM & COMPOUNDS			**0.0000**		
						CD	**9**	**0.00042**	CADMIUM & COMPOUNDS			**0.0000**		
						CO	**9**	**5.0**	CARBON MONOXIDE			**0.0000**		
						CO2	**9**	**22300**	CARBON DIOXIDE			**0.0000**		
						CRC	**9**	**0.00042**	CHROMIUM COMPOUNDS			**0.0000**		
						HG	**9**	**0.00042**	MERCURY & COMPOUNDS			**0.0000**		
						MNC	**9**	**0.00084**	MANGANESE & COMPOUNDS			**0.0000**		
						NH3	**9**	**0.8**	AMMONIA					
						NI	**9**	**0.00042**	NICKEL & COMPOUNDS			**0.0000**		
						NO2	**9**	**24.0**	NITROGEN DIOXIDE			**0.0000**		
						PB	**9**	**0.00126**	LEAD & COMPOUNDS			**0.0000**		
						PM10	**9**	**2.3**	PM (LESS THAN 10 MICRONS)			**0.0000**		
						PM2.5	**9**	**1.55**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
						PT	**9**	**3.3**	PARTICULATE MATTER (TOTAL)			**0.0000**		
						SE	**9**	**2.10E-3**	SELENIUM & COMPOUNDS			**0.0000**		
						SO2	**9**	**142**	SULFUR DIOXIDE			**0.0000**		
						VOC	**9**	**0.76**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
011	**BOILER #2 NG**												
011 / 1	**BLR2 10-100 MMBTU NAT GAS**	**10200602**	**371.887**	Million Cubic Feet Natural Gas Burned	**2 - BOILER #2**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**2.231E-4**		
					110543	**9**	**1.80E+0**	HEXANE			**0.3347**		
					129000	**9**	**0.000005**	PYRENE			**9.297E-7**		
					206440	**9**	**0.000003**	FLUORANTHENE			**5.578E-7**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0139**		
					71432	**9**	**0.0021**	BENZENE			**3.904E-4**		
					74828	**9**	**2.3**	METHANE			**0.4277**		
					74840	**9**	**3.1**	ETHANE			**0.5764**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**2.417E-6**		
					85018	**9**	**0.000017**	PHENANTHRENE			**3.161E-6**		
					86737	**9**	**0.0000028**	FLUORENE			**5.206E-7**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**1.134E-4**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**4.462E-6**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**3.718E-5**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**2.045E-4**		
					CO	**9**	**84.0**	CARBON MONOXIDE			**15.6193**		
					CO2	**9**	**1.20E+5**	CARBON DIOXIDE			**22313.2200**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**4.834E-5**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**7.065E-5**		
					NH3	**9**	**3.2**	AMMONIA			**0.5950**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**3.904E-4**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**18.5944**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**9.297E-5**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**1.4132**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**1.4132**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**1.4132**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.1116**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**1.0227**		
011 / 2	**BLR 2 COAL USE**	**10200204**	**0**	Tons Bituminous Coal Burned	**2 - BOILER #2**				**0.810**	**4.31**		**02/06/2014**	**DY3**
					100414	**9**	**9.40E-5**	ETHYL BENZENE					
					100425	**9**	**2.50E-5**	STYRENE					
					100447	**9**	**7.00E-4**	BENZYL CHLORIDE					
					106934	**9**	**1.20E-6**	ETHYLENE DIBROMIDE					
					107028	**9**	**2.90E-4**	ACROLEIN					
					107062	**9**	**4.00E-5**	ETHYLENE DICHLORIDE					
					108054	**9**	**7.60E-6**	VINYL ACETATE					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					108883	9	2.40E-4	TOLUENE					
					108907	9	2.20E-5	CHLOROBENZENE					
					108952	9	1.60E-5	PHENOL					
					110543	9	6.70E-5	HEXANE					
					117817	9	7.30E-5	BIS(2-ETHYLHEXYL)PHTHALATE					
					121142	9	2.80E-7	2,4-DINITROTOLUENE					
					123386	9	3.80E-4	PROPIONALDEHYDE					
					127184	9	4.30E-5	TETRACHLOROETHYLENE (PERCHL					
					1330207	9	3.70E-5	XYLENE (MIXED ISOMERS)					
					16065831	9	1.81E-4	CHROMIUM (CR3)					
					1634044	9	3.50E-5	METHYL TERT-BUTYL ETHER					
					18540299	9	7.90E-5	CHROMIUM (CR6PT)					
					50000	9	2.40E-4	FORMALDEHYDE					
					532274	9	7.00E-6	2-CHLOROACETOPHENONE					
					60344	9	1.70E-4	METHYLHYDRAZINE					
					626	9	3.50E-12	DIOXINS/FURANS (AS TEQ UNITS)					
					67663	9	5.90E-5	CHLOROFORM					
					71432	9	1.30E-3	BENZENE					
					71556	9	2.00E-5	1,1,1-TRICHLOROETHANE (METHYL					
					74828	9	0.06	METHANE					
					74839	9	1.60E-4	METHYL BROMIDE					
					74873	9	5.30E-4	METHYL CHLORIDE (CHLOROMETH,					
					75003	9	4.20E-5	ETHYL CHLORIDE (CHLOROETHANE					
					75070	9	5.70E-4	ACETALDEHYDE					
					75092	9	2.90E-4	METHYLENE CHLORIDE (DICHLORO					
					75150	9	1.30E-4	CARBON DISULFIDE					
					75252	9	3.90E-5	BROMOFORM					
					7647010	9	1.2	HYDROCHLORIC ACID					
					7664393	9	0.15	HYDROGEN FLUORIDE					
					77781	9	4.80E-5	DIMETHYL SULFATE					
					78591	9	5.80E-4	ISOPHORONE					
					78933	9	3.90E-4	METHYL ETHYL KETONE					
					80626	9	2.00E-5	METHYL METHACRYLATE					
					98828	9	5.30E-6	CUMENE					
					98862	9	1.50E-5	ACETOPHENONE					
					AS	9	4.10E-4	ARSENIC & COMPOUNDS					
					BE	9	2.10E-5	BERYLLIUM & COMPOUNDS					
					CD	9	5.10E-5	CADMIUM & COMPOUNDS					
					CNC	9	2.50E-3	CYANIDE COMPOUNDS					
					CO	9	5.0	CARBON MONOXIDE					
					CO2	9	6040	CARBON DIOXIDE					

Note: Method Codes are: 1) Source Test 2) EFIS Equation/Material Balance 3) Manually Calculated/AP-42 EF 4) Engineering Judgement 6) New Construction 7) Source Closed 9) EFIS Calculated/Local EF M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						COC	**9**	**1.00E-4**	COBALT COMPOUNDS					
						HG	**9**	**8.30E-5**	MERCURY & COMPOUNDS					
						MNC	**9**	**4.90E-4**	MANGANESE & COMPOUNDS					
						NH3	**9**	**0.000565**	AMMONIA					
						NI	**9**	**2.80E-4**	NICKEL & COMPOUNDS					
						NO2	**9**	**11**	NITROGEN DIOXIDE					
						PB	**9**	**4.20E-4**	LEAD & COMPOUNDS					
						PM10	**9**	**1.32E+1**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**4.6**	PM (LESS THAN 2.5 MICRONS)					
						POM	**9**	**2.08E-5**	POLYCYCLIC ORGANIC MATTER					
						PT	**9**	**6.60E+1**	PARTICULATE MATTER (TOTAL)					
						SB	**9**	**1.80E-5**	ANTIMONY & COMPOUNDS					
						SE	**9**	**1.30E-3**	SELENIUM & COMPOUNDS					
						SO2	**9**	**38.0**	SULFUR DIOXIDE					
						VOC	**9**	**0.05**	VOLATILE ORGANIC COMPOUNDS					
012	**BOILER #3 COAL/SLUDGE/NG**													
012 / 1	**BLR3 10-100 MMBTU NAT GAS**	**10200602**	**0**	Million Cubic Feet Natural Gas Burned	**3 - BOILER #3**								**02/06/2014**	**MSJ**
						106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE					
						110543	**9**	**1.80E+0**	HEXANE					
						129000	**9**	**0.000005**	PYRENE					
						206440	**9**	**0.000003**	FLUORANTHENE					
						50000	**9**	**0.075**	FORMALDEHYDE					
						71432	**9**	**0.0021**	BENZENE					
						74828	**9**	**2.3**	METHANE					
						74840	**9**	**3.1**	ETHANE					
						75070	**9**	**1.30E-5**	ACETALDEHYDE					
						85018	**9**	**0.000017**	PHENANTHRENE					
						86737	**9**	**0.0000028**	FLUORENE					
						91203	**9**	**6.10E-4**	NAPHTHALENE					
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE					
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS					
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS					
						CO	**9**	**84.0**	CARBON MONOXIDE					
						CO2	**9**	**1.20E+5**	CARBON DIOXIDE					
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS					
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS					
						NH3	**9**	**3.2**	AMMONIA					
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						NO2	**9**	**100.0**	NITROGEN DIOXIDE					
						PB	**9**	**0.0005**	LEAD & COMPOUNDS					
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.6**	SULFUR DIOXIDE					
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS					
012 / 2	**BLR #3 COAL USE**	**10200204**	**9141**	Tons Bituminous Coal Burned	**3 - BOILER #3**					**0.810**	**4.31**		**02/06/2014**	**DY3**
						100414	**9**	**9.40E-5**	ETHYL BENZENE			**4.296E-4**		
						100425	**9**	**2.50E-5**	STYRENE			**1.142E-4**		
						100447	**9**	**7.00E-4**	BENZYL CHLORIDE			**0.0032**		
						106934	**9**	**1.20E-6**	ETHYLENE DIBROMIDE			**5.484E-6**		
						107028	**9**	**2.90E-4**	ACROLEIN			**0.0013**		
						107062	**9**	**4.00E-5**	ETHYLENE DICHLORIDE			**1.828E-4**		
						108054	**9**	**7.60E-6**	VINYL ACETATE			**3.473E-5**		
						108883	**9**	**2.40E-4**	TOLUENE			**0.0011**		
						108907	**9**	**2.20E-5**	CHLOROBENZENE			**1.005E-4**		
						108952	**9**	**1.60E-5**	PHENOL			**7.312E-5**		
						110543	**9**	**6.70E-5**	HEXANE			**3.062E-4**		
						117817	**9**	**7.30E-5**	BIS(2-ETHYLHEXYL)PHTHALATE			**3.336E-4**		
						121142	**9**	**2.80E-7**	2,4-DINITROTOLUENE			**1.279E-6**		
						123386	**9**	**3.80E-4**	PROPIONALDEHYDE			**0.0017**		
						127184	**9**	**4.30E-5**	TETRACHLOROETHYLENE (PERCHL			**1.965E-4**		
						1330207	**9**	**3.70E-5**	XYLENE (MIXED ISOMERS)			**1.691E-4**		
						16065831	**9**	**1.81E-4**	CHROMIUM (CR3)			**8.272E-4**		
						1634044	**9**	**3.50E-5**	METHYL TERT-BUTYL ETHER			**1.599E-4**		
						18540299	**9**	**7.90E-5**	CHROMIUM (CR6PT)			**3.610E-4**		
						50000	**9**	**2.40E-4**	FORMALDEHYDE			**0.0011**		
						532274	**9**	**7.00E-6**	2-CHLOROACETOPHENONE			**3.199E-5**		
						60344	**9**	**1.70E-4**	METHYLHYDRAZINE			**7.769E-4**		
						626	**9**	**3.50E-12**	DIOXINS/FURANS (AS TEQ UNITS)			**1.59E-11**		
						67663	**9**	**5.90E-5**	CHLOROFORM			**2.696E-4**		
						71432	**9**	**1.30E-3**	BENZENE			**0.0059**		
						71556	**9**	**2.00E-5**	1,1,1-TRICHLOROETHANE (METHYL			**9.141E-5**		
						74828	**9**	**0.06**	METHANE			**0.2742**		
						74839	**9**	**1.60E-4**	METHYL BROMIDE			**7.312E-4**		
						74873	**9**	**5.30E-4**	METHYL CHLORIDE (CHLOROMETH			**0.0024**		
						75003	**9**	**4.20E-5**	ETHYL CHLORIDE (CHLOROETHANE			**1.919E-4**		
						75070	**9**	**5.70E-4**	ACETALDEHYDE			**0.0026**		
						75092	**9**	**2.90E-4**	METHYLENE CHLORIDE (DICHLORO			**0.0013**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					75150	9	1.30E-4	CARBON DISULFIDE			5.941E-4		
					75252	9	3.90E-5	BROMOFORM			1.782E-4		
					7647010	1		HYDROCHLORIC ACID		98.694	0.0155		
					7664393	1		HYDROGEN FLUORIDE		93.977	0.0308		
					77781	9	4.80E-5	DIMETHYL SULFATE			2.193E-4		
					78591	9	5.80E-4	ISOPHORONE			0.0027		
					78933	9	3.90E-4	METHYL ETHYL KETONE			0.0018		
					80626	9	2.00E-5	METHYL METHACRYLATE			9.141E-5		
					98828	9	5.30E-6	CUMENE			2.422E-5		
					98862	9	1.50E-5	ACETOPHENONE			6.855E-5		
					AS	9	4.10E-4	ARSENIC & COMPOUNDS			0.0019		
					BE	9	2.10E-5	BERYLLIUM & COMPOUNDS			9.598E-5		
					CD	9	5.10E-5	CADMIUM & COMPOUNDS			2.330E-4		
					CNC	9	2.50E-3	CYANIDE COMPOUNDS			0.0114		
					CO	9	5.0	CARBON MONOXIDE			22.8525		
					CO2	9	5510	CARBON DIOXIDE			25183.4500		
					COC	9	1.00E-4	COBALT COMPOUNDS			4.570E-4		
					HG	9	8.30E-5	MERCURY & COMPOUNDS			3.793E-4		
					MNC	9	4.90E-4	MANGANESE & COMPOUNDS			0.0022		
					NH3	9	0.000565	AMMONIA			0.0026		
					NI	9	2.80E-4	NICKEL & COMPOUNDS			0.0013		
					NO2	9	11	NITROGEN DIOXIDE			50.2755		
					PB	9	4.20E-4	LEAD & COMPOUNDS			0.0019		
					PM10	3		PM (LESS THAN 10 MICRONS)		90.000	36.4538		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)		90.000	16.2751		
					POM	9	2.08E-5	POLYCYCLIC ORGANIC MATTER			9.506E-5		
					PT	3		PARTICULATE MATTER (TOTAL)		90.000	48.0450		
					SB	9	1.80E-5	ANTIMONY & COMPOUNDS			8.226E-5		
					SE	9	1.30E-3	SELENIUM & COMPOUNDS			0.0059		
					SO2	9	38.0	SULFUR DIOXIDE			140.6799		
					VOC	9	0.05	VOLATILE ORGANIC COMPOUNDS			0.2285		
012 / 3	SLUDGE COMBUSTION	50300506	395	Tons Dried Sludge Burned	3 - BOILER #3				0.450	46.59		02/06/2014	DY3
					100414	9	0.0016	ETHYL BENZENE			3.16e-4		
					106467	9	0.0082	1,4-DICHLOROBENZENE			0.0016		
					107131	9	0.05	ACRYLONITRILE			0.0099		
					108883	9	0.015	TOLUENE			0.0030		
					108907	9	0.0015	CHLOROBENZENE			2.96e-4		
					108952	9	0.044	PHENOL			0.0087		
					117817	9	0.0019	BIS(2-ETHYLHEXYL)PHTHALATE			3.75e-4		
					127184	9	0.0008	TETRACHLOROETHYLENE (PERCHL			1.58e-4		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					1330207	9	0.0019	XYLENE (MIXED ISOMERS)			3.75e-4		
					56235	9	0.00002	CARBON TETRACHLORIDE			3.95e-6		
					67663	9	0.00006	CHLOROFORM			1.19e-5		
					71432	9	0.012	BENZENE			0.0024		
					71556	9	0.0012	1,1,1-TRICHLOROETHANE (METHYL			2.37e-4		
					75014	9	0.013	VINYL CHLORIDE			0.0026		
					75058	9	0.05	ACETONITRILE			0.0099		
					75092	9	0.0008	METHYLENE CHLORIDE (DICHLORO			1.58e-4		
					75274	9	0.000008	BROMODICHLOROMETHANE			1.58e-6		
					7647010	1		HYDROCHLORIC ACID		98.694	0.0002		
					7664393	1		HYDROGEN FLUORIDE		93.977	0.0001		
					7664939	9	1.2	SULFURIC ACID			0.2370		
					78933	9	0.012	METHYL ETHYL KETONE			0.0024		
					79016	9	0.0008	TRICHLOROETHYLENE (TRICHLORC			1.58e-4		
					91203	9	0.018	NAPHTHALENE			0.0036		
					AS	1		ARSENIC & COMPOUNDS		90.000	5.814E-4		
					BE	1		BERYLLIUM & COMPOUNDS		90.000	4.291E-4		
					CD	1		CADMIUM & COMPOUNDS		90.000	2.022E-4		
					CO	9	31	CARBON MONOXIDE			6.1225		
					COC	1		COBALT COMPOUNDS		90.000	6.295E-4		
					CRC	1		CHROMIUM COMPOUNDS		90.000	0.0021		
					HG	3		MERCURY & COMPOUNDS		90.000	1.935E-4		
					MNC	1		MANGANESE & COMPOUNDS		90.000	0.0057		
					NI	1		NICKEL & COMPOUNDS		90.000	0.0017		
					NO2	9	5.0	NITROGEN DIOXIDE			0.9875		
					PB	1		LEAD & COMPOUNDS		90.000	0.0016		
					PM10	3		PM (LESS THAN 10 MICRONS)		90.000	0.1019		
					PM2.5	3		PM (LESS THAN 2.5 MICRONS)		90.000	0.0511		
					PT	3		PARTICULATE MATTER (TOTAL)		90.000	0.1486		
					SB	1		ANTIMONY & COMPOUNDS		90.000	4.484E-4		
					SE	1		SELENIUM & COMPOUNDS		90.000	5.431E-4		
					SO2	9	28	SULFUR DIOXIDE			5.5300		
					VOC	9	1.0	VOLATILE ORGANIC COMPOUNDS			0.1975		
012 / 4	2 OIL USE	10200502	0	1000 Gallons Distillate Oil Burned	3 - BOILER #3				0.005	0.30		02/06/2014	DY3
					102	9	1.48E-6	BENZO(B,J,K)FLUORANTHENE					
					120127	9	1.22E-6	ANTHRACENE					
					129000	9	4.25E-6	PYRENE					
					191242	9	2.26E-6	BENZO(G,H,I)PERYLENE					
					193395	9	2.14E-6	INDENO(1,2,3-CD)PYRENE					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					206440	**9**	**4.84E-6**	FLUORANTHENE					
					208968	**9**	**2.53E-7**	ACENAPHTHYLENE					
					218019	**9**	**2.38E-6**	CHRYSENE					
					50000	**9**	**3.30E-2**	FORMALDEHYDE					
					53703	**9**	**1.67E-6**	DIBENZO(A,H)ANTHRACENE					
					56553	**9**	**4.01E-6**	BENZ(A)ANTHRACENE					
					71432	**9**	**2.14E-4**	BENZENE					
					7446119	**9**	**2.0**	SULFUR TRIOXIDE					
					74828	**9**	**0.052**	METHANE					
					75070	**9**	**4.90E-3**	ACETALDEHYDE					
					83329	**9**	**2.11E-5**	ACENAPTHENE					
					85018	**9**	**1.05E-5**	PHENANTHRENE					
					86737	**9**	**4.47E-6**	FLUORENE					
					91203	**9**	**1.13E-3**	NAPHTHALENE					
					AS	**9**	**0.00056**	ARSENIC & COMPOUNDS					
					BE	**9**	**0.00042**	BERYLLIUM & COMPOUNDS					
					CD	**9**	**0.00042**	CADMIUM & COMPOUNDS					
					CO	**9**	**5.0**	CARBON MONOXIDE					
					CO2	**9**	**22300**	CARBON DIOXIDE					
					CRC	**9**	**4.20E-4**	CHROMIUM COMPOUNDS					
					HG	**9**	**0.00042**	MERCURY & COMPOUNDS					
					MNC	**9**	**0.00084**	MANGANESE & COMPOUNDS					
					NH3	**9**	**0.8**	AMMONIA					
					NI	**9**	**0.00042**	NICKEL & COMPOUNDS					
					NO2	**9**	**20.0**	NITROGEN DIOXIDE					
					PB	**9**	**0.00126**	LEAD & COMPOUNDS					
					PM10	**9**	**2.3**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**1.55**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**3.3**	PARTICULATE MATTER (TOTAL)					
					SE	**9**	**2.10E-3**	SELENIUM & COMPOUNDS					
					SO2	**9**	**142**	SULFUR DIOXIDE					
					VOC	**9**	**0.2**	VOLATILE ORGANIC COMPOUNDS					
013	**BOILER #4 COAL/SLUDGE/NG**												
013 / 1	**BLR4 10-100 MMBTU NAT GAS**	**10200602**	**.001**	Million Cubic Feet Natural Gas Burned	**4 - BOILER #4**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**6.0E-10**		
					110543	**9**	**1.80E+0**	HEXANE			**9.0E-7**		
					129000	**9**	**0.000005**	PYRENE			**2.50E-12**		
					206440	**9**	**0.000003**	FLUORANTHENE			**1.50E-12**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					50000	**9**	**0.075**	FORMALDEHYDE			**3.750E-8**		
					71432	**9**	**0.0021**	BENZENE			**1.050E-9**		
					74828	**9**	**2.3**	METHANE			**1.150E-6**		
					74840	**9**	**3.1**	ETHANE			**1.550E-6**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**6.50E-12**		
					85018	**9**	**0.000017**	PHENANTHRENE			**8.50E-12**		
					86737	**9**	**0.0000028**	FLUORENE			**1.40E-12**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**3.05E-10**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.20E-11**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.0E-10**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**5.50E-10**		
					CO	**9**	**84.0**	CARBON MONOXIDE			**4.20E-5**		
					CO2	**9**	**1.20E+5**	CARBON DIOXIDE			**0.0600**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**1.30E-10**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**1.90E-10**		
					NH3	**9**	**3.2**	AMMONIA			**1.60E-6**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.050E-9**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**5.0E-5**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**2.50E-10**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**3.80E-6**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**3.80E-6**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**3.80E-6**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**3.0E-7**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**2.750E-6**		
013 / 2	**BLR #4 COAL USE**	**10200204**	**11212**	Tons Bituminous Coal Burned	**4 - BOILER #4**				**0.810**	**4.31**		**02/06/2014**	**DY3**
					100414	**9**	**9.40E-5**	ETHYL BENZENE			**5.269E-4**		
					100425	**9**	**2.50E-5**	STYRENE			**1.401E-4**		
					100447	**9**	**7.00E-4**	BENZYL CHLORIDE			**0.0039**		
					106934	**9**	**1.20E-6**	ETHYLENE DIBROMIDE			**6.727E-6**		
					107028	**9**	**2.90E-4**	ACROLEIN			**0.0016**		
					107062	**9**	**4.00E-5**	ETHYLENE DICHLORIDE			**2.242E-4**		
					108054	**9**	**7.60E-6**	VINYL ACETATE			**4.260E-5**		
					108883	**9**	**2.40E-4**	TOLUENE			**0.0013**		
					108907	**9**	**2.20E-5**	CHLOROBENZENE			**1.233E-4**		
					108952	**9**	**1.60E-5**	PHENOL			**8.969E-5**		
					110543	**9**	**6.70E-5**	HEXANE			**3.756E-4**		
					117817	**9**	**7.30E-5**	BIS(2-ETHYLHEXYL)PHTHALATE			**4.092E-4**		
					121142	**9**	**2.80E-7**	2,4-DINITROTOLUENE			**1.569E-6**		
					123386	**9**	**3.80E-4**	PROPIONALDEHYDE			**0.0021**		
					127184	**9**	**4.30E-5**	TETRACHLOROETHYLENE (PERCHL			**2.410E-4**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					1330207	9	3.70E-5	XYLENE (MIXED ISOMERS)			2.074E-4		
					16065831	9	1.81E-4	CHROMIUM (CR3)			0.0010		
					1634044	9	3.50E-5	METHYL TERT-BUTYL ETHER			1.962E-4		
					18540299	9	7.90E-5	CHROMIUM (CR6PT)			4.428E-4		
					50000	9	2.40E-4	FORMALDEHYDE			0.0013		
					532274	9	7.00E-6	2-CHLOROACETOPHENONE			3.924E-5		
					60344	9	1.70E-4	METHYLHYDRAZINE			9.530E-4		
					626	9	3.50E-12	DIOXINS/FURANS (AS TEQ UNITS)			1.96E-11		
					67663	9	5.90E-5	CHLOROFORM			3.307E-4		
					71432	9	1.30E-3	BENZENE			0.0073		
					71556	9	2.00E-5	1,1,1-TRICHLOROETHANE (METHYL			1.121E-4		
					74828	9	0.06	METHANE			0.3364		
					74839	9	1.60E-4	METHYL BROMIDE			8.969E-4		
					74873	9	5.30E-4	METHYL CHLORIDE (CHLOROMETH,			0.0030		
					75003	9	4.20E-5	ETHYL CHLORIDE (CHLOROETHANE			2.354E-4		
					75070	9	5.70E-4	ACETALDEHYDE			0.0032		
					75092	9	2.90E-4	METHYLENE CHLORIDE (DICHLORO			0.0016		
					75150	9	1.30E-4	CARBON DISULFIDE			7.287E-4		
					75252	9	3.90E-5	BROMOFORM			2.186E-4		
					7647010	1		HYDROCHLORIC ACID		98.595	0.0272		
					7664393	1		HYDROGEN FLUORIDE		93.883	0.0491		
					77781	9	4.80E-5	DIMETHYL SULFATE			2.690E-4		
					78591	9	5.80E-4	ISOPHORONE			0.0033		
					78933	9	3.90E-4	METHYL ETHYL KETONE			0.0022		
					80626	9	2.00E-5	METHYL METHACRYLATE			1.121E-4		
					98828	9	5.30E-6	CUMENE			2.971E-5		
					98862	9	1.50E-5	ACETOPHENONE			8.409E-5		
					AS	9	4.10E-4	ARSENIC & COMPOUNDS			0.0023		
					BE	9	2.10E-5	BERYLLIUM & COMPOUNDS			1.177E-4		
					CD	9	5.10E-5	CADMIUM & COMPOUNDS			2.859E-4		
					CNC	9	2.50E-3	CYANIDE COMPOUNDS			0.0140		
					CO	9	5.0	CARBON MONOXIDE			28.0300		
					CO2	9	6040	CARBON DIOXIDE			33860.2400		
					COC	9	1.00E-4	COBALT COMPOUNDS			5.606E-4		
					HG	9	8.30E-5	MERCURY & COMPOUNDS			4.652E-4		
					MNC	9	4.90E-4	MANGANESE & COMPOUNDS			0.0027		
					NH3	9	0.000565	AMMONIA			0.0032		
					NI	9	2.80E-4	NICKEL & COMPOUNDS			0.0016		
					NO2	9	11	NITROGEN DIOXIDE			61.6660		
					PB	9	4.20E-4	LEAD & COMPOUNDS			0.0024		
					PM10	3		PM (LESS THAN 10 MICRONS)		90.000	56.8726		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)		**90.000**	**24.2933**		
						POM	**9**	**2.08E-5**	POLYCYCLIC ORGANIC MATTER			**1.166E-4**		
						PT	**3**		PARTICULATE MATTER (TOTAL)		**90.000**	**75.5884**		
						SB	**9**	**1.80E-5**	ANTIMONY & COMPOUNDS			**1.009E-4**		
						SE	**9**	**1.30E-3**	SELENIUM & COMPOUNDS			**0.0073**		
						SO2	**9**	**38.0**	SULFUR DIOXIDE			**172.5526**		
						VOC	**9**	**0.05**	VOLATILE ORGANIC COMPOUNDS			**0.2803**		
013 / 3	**BLR 4 SLUDGE COMBUSTION**	**50300506**	**387**	Tons Dried Sludge Burned	**4 - BOILER #4**				**0.450**	**46.59**			**02/06/2014**	**DY3**
						100414	**9**	**0.0016**	ETHYL BENZENE			**3.10e-4**		
						106467	**9**	**0.0082**	1,4-DICHLOROBENZENE			**0.0016**		
						107131	**9**	**0.05**	ACRYLONITRILE			**0.0097**		
						108883	**9**	**0.015**	TOLUENE			**0.0029**		
						108907	**9**	**0.0015**	CHLOROBENZENE			**2.90e-4**		
						108952	**9**	**0.044**	PHENOL			**0.0085**		
						117817	**9**	**0.0019**	BIS(2-ETHYLHEXYL)PHTHALATE			**3.68e-4**		
						127184	**9**	**0.0008**	TETRACHLOROETHYLENE (PERCHL			**1.55e-4**		
						1330207	**9**	**0.0019**	XYLENE (MIXED ISOMERS)			**3.68e-4**		
						56235	**9**	**0.00002**	CARBON TETRACHLORIDE			**3.87e-6**		
						67663	**9**	**0.00006**	CHLOROFORM			**1.16e-5**		
						71432	**9**	**0.012**	BENZENE			**0.0023**		
						71556	**9**	**0.0012**	1,1,1-TRICHLOROETHANE (METHYL			**2.32e-4**		
						75014	**9**	**0.013**	VINYL CHLORIDE			**0.0025**		
						75058	**9**	**0.05**	ACETONITRILE			**0.0097**		
						75092	**9**	**0.0008**	METHYLENE CHLORIDE (DICHLORO			**1.55e-4**		
						75274	**9**	**0.000008**	BROMODICHLOROMETHANE			**1.55e-6**		
						7647010	**1**		HYDROCHLORIC ACID		**98.595**	**0.0001**		
						7664393	**1**		HYDROGEN FLUORIDE		**93.883**	**0.0000**		
						7664939	**9**	**1.2**	SULFURIC ACID			**0.2322**		
						78933	**9**	**0.012**	METHYL ETHYL KETONE			**0.0023**		
						79016	**9**	**0.0008**	TRICHLOROETHYLENE (TRICHLORC			**1.55e-4**		
						91203	**9**	**0.018**	NAPHTHALENE			**0.0035**		
						AS	**1**		ARSENIC & COMPOUNDS		**90.000**	**7.421E-4**		
						BE	**1**		BERYLLIUM & COMPOUNDS		**90.000**	**5.476E-4**		
						CD	**1**		CADMIUM & COMPOUNDS		**90.000**	**2.581E-4**		
						CO	**1**		CARBON MONOXIDE			**5.9985**		
						COC	**1**		COBALT COMPOUNDS		**90.000**	**8.035E-4**		
						CRC	**1**		CHROMIUM COMPOUNDS		**90.000**	**0.0027**		
						HG	**3**		MERCURY & COMPOUNDS		**90.000**	**0.0002**		
						MNC	**1**		MANGANESE & COMPOUNDS		**90.000**	**0.0073**		
						NI	**1**		NICKEL & COMPOUNDS		**90.000**	**0.0022**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						NO2	9	5.0	NITROGEN DIOXIDE			0.9675		
						PB	1		LEAD & COMPOUNDS		90.000	0.0021		
						PM10	3		PM (LESS THAN 10 MICRONS)		90.000	0.1276		
						PM2.5	3		PM (LESS THAN 2.5 MICRONS)		90.000	0.0616		
						PT	3		PARTICULATE MATTER (TOTAL)		90.000	0.1883		
						SB	1		ANTIMONY & COMPOUNDS		90.000	5.723E-4		
						SE	1		SELENIUM & COMPOUNDS		90.000	6.932E-4		
						SO2	9	28	SULFUR DIOXIDE			5.4180		
						VOC	9	1.0	VOLATILE ORGANIC COMPOUNDS			0.1935		
013 / 4	2 OIL COMBUSTION	10200501	0	1000 Gallons Distillate Oil (No. 1 & 2)	4 - BOILER #4					0.005	0.30		02/06/2014	DY3
						102	9	1.48E-6	BENZO(B,J,K)FLUORANTHENE					
						120127	9	1.22E-6	ANTHRACENE					
						129000	9	4.25E-6	PYRENE					
						191242	9	2.26E-6	BENZO(G,H,I)PERYLENE					
						193395	9	2.14E-6	INDENO(1,2,3-CD)PYRENE					
						206440	9	4.84E-6	FLUORANTHENE					
						208968	9	2.53E-7	ACENAPHTHYLENE					
						218019	9	2.38E-6	CHRYSENE					
						50000	9	3.30E-2	FORMALDEHYDE					
						53703	9	1.67E-6	DIBENZO(A,H)ANTHRACENE					
						56553	9	4.01E-6	BENZ(A)ANTHRACENE					
						71432	9	2.14E-4	BENZENE					
						7446119	9	5.7	SULFUR TRIOXIDE					
						74828	9	0.28	METHANE					
						75070	9	4.90E-3	ACETALDEHYDE					
						83329	9	2.11E-5	ACENAPTHENE					
						85018	9	1.05E-5	PHENANTHRENE					
						86737	9	4.47E-6	FLUORENE					
						91203	9	1.13E-3	NAPHTHALENE					
						AS	9	0.00056	ARSENIC & COMPOUNDS					
						BE	9	0.00042	BERYLLIUM & COMPOUNDS					
						CD	9	0.00042	CADMIUM & COMPOUNDS					
						CO	9	5.0	CARBON MONOXIDE					
						CO2	9	22300	CARBON DIOXIDE					
						CRC	9	0.00042	CHROMIUM COMPOUNDS					
						HG	9	0.00042	MERCURY & COMPOUNDS					
						MNC	9	0.00084	MANGANESE & COMPOUNDS					
						NH3	9	2.9	AMMONIA					
						NI	9	0.00042	NICKEL & COMPOUNDS					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						NO2	**9**	**24.0**	NITROGEN DIOXIDE					
						PB	**9**	**0.00126**	LEAD & COMPOUNDS					
						PM10	**9**	**2.3**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**1.55**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**3.3**	PARTICULATE MATTER (TOTAL)					
						SE	**9**	**2.10E-3**	SELENIUM & COMPOUNDS					
						SO2	**9**	**142**	SULFUR DIOXIDE					
						VOC	**9**	**0.76**	VOLATILE ORGANIC COMPOUNDS					
014	**UTIL - #2 FUEL OIL TANK**													
IA1	**COAL STOCKPILE**													
IA1 / 1	**PT LOSS**	**30510303**	**29460**	Tons Material Processed	**30**	**- FUGITIVE DEFAULT EP**							**02/06/2014**	**MSJ**
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0500**		
IA2	**DYE MINI RANGE**													
IA2 / 1	**NAT GAS COMBUSTION**	**39000699**	**1.6**	Million Cubic Feet Natural Gas Burned	**30**	**- FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
						106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**9.60e-7**		
						110543	**9**	**1.80E+0**	HEXANE			**0.0014**		
						129000	**9**	**0.000005**	PYRENE			**4.00e-9**		
						206440	**9**	**0.000003**	FLUORANTHENE			**2.40e-9**		
						50000	**9**	**0.075**	FORMALDEHYDE			**6.00e-5**		
						71432	**9**	**0.0021**	BENZENE			**1.68e-6**		
						74828	**9**	**2.3**	METHANE			**0.0018**		
						74840	**9**	**3.1**	ETHANE			**0.0025**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.04e-8**		
						85018	**9**	**0.000017**	PHENANTHRENE			**1.36e-8**		
						86737	**9**	**0.0000028**	FLUORENE			**2.24e-9**		
						91203	**9**	**6.10E-4**	NAPHTHALENE			**4.88e-7**		
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.92e-8**		
						AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.60e-7**		
						CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**8.80e-7**		
						CO	**9**	**84**	CARBON MONOXIDE			**0.0672**		
						CO2	**9**	**120000**	CARBON DIOXIDE			**96.0000**		
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**2.08e-7**		
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**3.04e-7**		
						NH3	**9**	**3.2**	AMMONIA			**0.0026**		
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.68e-6**		
						NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.0800**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PB	**9**	**0.0005**	LEAD & COMPOUNDS			**4.00e-7**		
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.0061**		
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.0061**		
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.0061**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0005**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0044**		
IA2/2	**PROPANE COMBUSTION**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**30**	**- FUGITIVE DEFAULT EP**							**02/06/2014**	**MSJ**
						74828	**9**	**0.2**	METHANE					
						CO	**9**	**8.4**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE					
						NO2	**9**	**15**	NITROGEN DIOXIDE					
						PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)					
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)					
						PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)					
						SO2	**9**	**0.09**	SULFUR DIOXIDE					
						VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS					
IA2/3	**VOC LOSS**	**49099998**	**71.43**	Gallons Solvent Consumed	**30**	**- FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
						105602	**4**		CAPROLACTAM			**0.0000**		
						106898	**4**		EPICHLOROHYDRIN			**0.0000**		
						107211	**4**		ETHYLENE GLYCOL			**0.0011**		
						141435	**4**		ETHANOLAMINE			**0.0000**		
						50000	**4**		FORMALDEHYDE			**0.0034**		
						79107	**4**		ACRYLIC ACID			**0.0000**		
						8012951	**4**		MINERAL OIL MIST (PARAFFINIC)			**0.0000**		
						GLYET	**4**		GLYCOL ETHERS			**0.0000**		
						VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0055**		
IA3	**UTIL - WWT PLANT**													
IA3/1	**VOC LOSS**	**50382599**	**838997**	1000 Gallons Wastewater Throughput	**30**	**- FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
						105602	**4**		CAPROLACTAM			**4.00e-6**		
						107211	**4**		ETHYLENE GLYCOL			**0.0020**		
						108883	**4**		TOLUENE			**0.0040**		
						123911	**4**		1,4-DIOXANE			**3.00e-5**		
						50000	**4**		FORMALDEHYDE			**0.0200**		
						67561	**4**		METHANOL			**0.0540**		
						GLYET	**4**		GLYCOL ETHERS			**3.00e-5**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.7200**		
IA4	**NAPPING SANDERS 1-6**												
IA5	**FINISHED GOODS WAREHOUSE**												
IA5/1	**FORMALDEHYDE LOSS**	**40200901**		Tons Solvent Used	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					50000	**4**		FORMALDEHYDE			**0.0890**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0890**		
IA6	**UTIL - PROPANE VAPORIZER**												
IA6/1	**PROPANE USE**	**39001099**	**8.08**	1000 Gallons Liquified Petroleum Gas (LP	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					74828	**9**	**0.2**	METHANE			**8.080E-4**		
					CO	**9**	**8.4**	CARBON MONOXIDE			**0.0339**		
					CO2	**9**	**12500**	CARBON DIOXIDE			**50.5000**		
					NO2	**9**	**15**	NITROGEN DIOXIDE			**0.0606**		
					PM10	**9**	**0.8**	PM (LESS THAN 10 MICRONS)			**0.0032**		
					PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)			**0.0032**		
					PT	**9**	**0.8**	PARTICULATE MATTER (TOTAL)			**0.0032**		
					SO2	**9**	**0.09**	SULFUR DIOXIDE			**0.0E+0**		
					VOC	**9**	**0.9**	VOLATILE ORGANIC COMPOUNDS			**0.0036**		
IA7	**UTIL - MAIN TANK FARM**												
IA7/1	**VOC LOSS**	**42500302**		1000 Gallons Liquid Throughput	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0535**		
IA8	**DYE 1 & DYE 2 DYE SERVICE**												
IA8/1	**DYE 1 VOC LOSS**	**40200901**	**546.3545**	Tons Solvent Used	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					105602	**4**		CAPROLACTAM			**0.0008**		
					106898	**4**		EPICHLOROHYDRIN			**0.0000**		
					107211	**4**		ETHYLENE GLYCOL			**0.0000**		
					141435	**4**		ETHANOLAMINE			**0.0000**		
					50000	**4**		FORMALDEHYDE			**0.0150**		
					8012951	**4**		MINERAL OIL MIST (PARAFFINIC)			**0.0000**		
					GLYET	**4**		GLYCOL ETHERS			**0.0000**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0900**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IA8/2	**DYE 2 VOC LOSS**	**40200901**	**128.2255**	Tons Solvent Used	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.2400**		
IA9	**FINISHING1&2 MIX AREAS**												
IA9/1	**FINISHING 1 MIX AREA**	**40200901**		Tons Solvent Used	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					50000	**4**		FORMALDEHYDE			**0.0015**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0100**		
IA9/2	**FINISHING 2 MIX AREA**	**40200901**		Tons Solvent Used	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					50000	**4**		FORMALDEHYDE			**0.0030**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0535**		
IAA	**UTIL - BASEMENT T/F**												
IAA/1	**VOC LOSS**	**42500302**		1000 Gallons Liquid Throughput	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0850**		
IAB	**UTIL - PVA TANK FARM**												
IAC	**DRY ASH HANDLING SYSTEM**												
IAC/1	**PT LOSS**	**30510499**	**2548.818**	Tons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.5750**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.5750**		
IAD	**TRAINING RANGE - CIRRUS**												
IAD/1	**TRAINING RANGE CIRRUS**	**33000499**	**0**	Tons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**59C**
IAE	**NATURAL GAS DRYER**												
IAE/1	**NATURAL GAS DRYER**	**33000499**		Tons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					CO	**4**		CARBON MONOXIDE			**0.0880**		
					NO2	**4**		NITROGEN DIOXIDE			**0.1050**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0080**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0080**		
					SO2	**4**		SULFUR DIOXIDE			**0.0010**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0060**		
IAF	**MPAC BURN CENTER**												

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IAF / 1	**MPAC BURN CENTER**	**33000199**		Tons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					CO	**4**		CARBON MONOXIDE			**0.9450**		
					NO2	**4**		NITROGEN DIOXIDE			**0.0020**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.3940**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0250**		
IAG	**VERTICAL FLAME TESTER**												
IAG / 1	**VERTICAL FLAME TESTER**	**39000699**		Million Cubic Feet Natural Gas Burned	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE					
					110543	**9**	**1.80E+0**	HEXANE					
					129000	**9**	**5.00E-6**	PYRENE					
					206440	**9**	**3.00E-6**	FLUORANTHENE					
					50000	**9**	**7.50E-2**	FORMALDEHYDE					
					71432	**9**	**2.10E-3**	BENZENE					
					74828	**9**	**2.30E+0**	METHANE					
					74840	**9**	**3.10E+0**	ETHANE					
					75070	**9**	**1.30E-5**	ACETALDEHYDE					
					85018	**9**	**1.70E-5**	PHENANTHRENE					
					86737	**9**	**2.80E-6**	FLUORENE					
					91203	**9**	**6.10E-4**	NAPHTHALENE					
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE					
					AS	**9**	**2.00E-4**	ARSENIC & COMPOUNDS					
					CD	**9**	**1.10E-3**	CADMIUM & COMPOUNDS					
					CO	**9**	**8.40E+1**	CARBON MONOXIDE					
					CO2	**9**	**1.20E+5**	CARBON DIOXIDE					
					HG	**9**	**2.60E-4**	MERCURY & COMPOUNDS					
					MNC	**9**	**3.80E-4**	MANGANESE & COMPOUNDS					
					NH3	**9**	**3.2**	AMMONIA					
					NI	**9**	**2.10E-3**	NICKEL & COMPOUNDS					
					NO2	**9**	**1.00E+2**	NITROGEN DIOXIDE					
					PB	**9**	**5.00E-4**	LEAD & COMPOUNDS					
					PM10	**9**	**7.60E+0**	PM (LESS THAN 10 MICRONS)					
					PM2.5	**9**	**7.60E+0**	PM (LESS THAN 2.5 MICRONS)					
					PT	**9**	**7.60E+0**	PARTICULATE MATTER (TOTAL)					
					SO2	**9**	**6.00E-1**	SULFUR DIOXIDE					
					VOC	**9**	**5.50E+0**	VOLATILE ORGANIC COMPOUNDS					
IAH	**ELECTRICAL MUFFLE FURNACE**												

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IAH / 1	**ELECTRICAL MUFFLE FURNACE**	**33000499**	**0**	Tons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**59C**
IAI	**CAN WASHER**												
IAI / 1	**CAN WASHER VOC LOSS**	**33000499**		Tons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.2740**		
N01	**DYE 1 COLOR CONTROL CTR**												
N01 / 1	**VOC LOSS**	**40200901**	**546.3545**	Tons Solvent Used	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					105602	**4**		CAPROLACTAM			**0.0008**		
					106898	**4**		EPICHLOROHYDRIN			**0.0000**		
					107211	**4**		ETHYLENE GLYCOL			**0.0003**		
					141435	**4**		ETHANOLAMINE			**0.0000**		
					50000	**4**		FORMALDEHYDE			**0.0120**		
					GLYET	**4**		GLYCOL ETHERS			**0.0050**		
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.2220**		
N02	**PREPARATION-LEXUS1&2**												
N02 / 1	**LEXUS 1-PT LOSS**	**40299998**	**0**	Gallons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**X74**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0000**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0000**		
N02 / 2	**LEXUS 2-PT LOSS**	**40299998**		Gallons Material Processed	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.1152**		
					PT	**4**		PARTICULATE MATTER (TOTAL)			**2.9978**		
N03	**UTIL - BEHIND BOILER HOUS**												
N03 / 1	**VOC LOSS**	**40200901**		Tons Solvent Used	**30 - FUGITIVE DEFAULT EP**							**02/06/2014**	**DY3**
					VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0010**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emissions Inventory of CISWI Unit

Milliken (Pendleton, SC)

SCDHEC

Detailed Emissions Inventory Report for **MILLIKEN PENDLETON**

From EI Data Year 2013

Permit: **0200-0011** County: **007-Anderson** EQC Region: **Anderson EQC** Year of Emissions: **2011**

Plant Location:
200 EXCELSIOR MILL RD
PENDLETON, SC

Latitude: **34º39'21"**
Longitude: **82º48'13"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3836.504**
UTM Horizontal: **334.537**

Contacts
Emissions: **BEN WILLIAMS** **(864)503-1757**
Billing: **BEN WILLIAMS** **(864)503-1757**
Principal Product: **DYED AND FINISHING FABRIC**

Mailing Address:
MILLIKEN & CO
PO BOX 1926 M482
SPARTANBURG, SC 29304

Standard Industrial Classification:
2261 Finishing Plants, Cotton
2262 Finishing Plants, Synthetics

North American Industrial Classification:
313311 Broadwoven Fabric Finishing Mills

Facility Class: **A** Inventory Type **B** No. Employees: **260**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **550.0**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
ETHYL BENZENE (CAS:100414)	**X**		**X**	**X**				**5.379E-4**	
STYRENE (CAS:100425)	**X**		**X**	**X**				**9.220E-5**	
BENZYL CHLORIDE (CAS:100447)	**X**		**X**	**X**				**0.0026**	
BENZO(B,J,K)FLUORANTHENE (CAS:102)								******	
1,4-DICHLOROBENZENE (CAS:106467)	**X**		**X**	**X**				**0.0011**	
EPICHLOROHYDRIN (CAS:106898)								******	
ETHYLENE DIBROMIDE (CAS:106934)	**X**		**X**	**X**				**4.420E-6**	
ACROLEIN (CAS:107028)	**X**		**X**	**X**		**X**		**0.0011**	
ETHYLENE DICHLORIDE (CAS:107062)	**X**		**X**	**X**				**1.474E-4**	
ACRYLONITRILE (CAS:107131)	**X**		**X**	**X**		**X**		**0.0060**	
ETHYLENE GLYCOL (CAS:107211)	**X**		**X**	**X**				**0.0127**	
VINYL ACETATE (CAS:108054)	**X**		**X**	**X**		**X**		**2.798E-5**	
TOLUENE (CAS:108883)	**X**		**X**	**X**				**0.0027**	
CHLOROBENZENE (CAS:108907)	**X**		**X**	**X**				**2.610E-4**	
PHENOL (CAS:108952)	**X**		**X**	**X**				**0.0053**	
HEXANE (CAS:110543)	**X**		**X**	**X**				**0.1214**	
BIS(2-ETHYLHEXYL)PHTHALATE (CAS:117817)	**X**		**X**	**X**				**4.967E-4**	
ANTHRACENE (CAS:120127)								******	
2,4-DINITROTOLUENE (CAS:121142)	**X**		**X**	**X**				**1.032E-6**	
TRIETHYLAMINE (CAS:121448)	**X**		**X**	**X**				**0.0278**	

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Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **550.0**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	Billable Emissions (Tons/Year)
PROPIONALDEHYDE (CAS:123386)	X		X	X				0.0014	
1,4-DIOXANE (CAS:123911)								**	
TETRACHLOROETHYLENE (PERCHLOROETHYLENE) (CAS:127184)		X			X			2.543E-4	.0002543
PYRENE (CAS:129000)	X		X	X				3.364E-7	
XYLENE (MIXED ISOMERS) (CAS:1330207)	X		X	X				3.644E-4	
ETHYL ACRYLATE (CAS:140885)	X		X	X				4.480E-4	
CHROMIUM (CR3) (CAS:16065831)		X			X			6.670E-4	
METHYL TERT-BUTYL ETHER (CAS:1634044)	X		X	X				1.290E-4	
CHROMIUM (CR6PT) (CAS:18540299)		X			X			2.908E-4	
BENZO(G,H,I)PERYLENE (CAS:191242)								**	
INDENO(1,2,3-CD)PYRENE (CAS:193395)								**	
FLUORANTHENE (CAS:206440)	X		X	X				2.021E-7	
ACENAPHTHYLENE (CAS:208968)								**	
CHRYSENE (CAS:218019)								**	
FORMALDEHYDE (CAS:50000)	X		X	X		X		0.1219	
2-CHLOROACETOPHENONE (CAS:532274)	X		X	X				2.577E-5	
DIBENZO(A,H)ANTHRACENE (CAS:53703)								**	
CARBON TETRACHLORIDE (CAS:56235)	X		X	X				2.40E-6	
BENZ(A)ANTHRACENE (CAS:56553)								**	
METHYLHYDRAZINE (CAS:60344)		X			X	X		6.270E-4	.000627

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Facility Class: **A** Inventory Type **B** No. Employees: **260**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **550.0**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
DIOXINS/FURANS (AS TEQ UNITS) (CAS:626)	X		X	X				**1.29E-11**	
METHANOL (CAS:67561)	X		X	X				**0.1103**	
CHLOROFORM (CAS:67663)	X		X	X		X		**2.247E-4**	
BENZENE (CAS:71432)	X		X	X				**0.0064**	
1,1,1-TRICHLOROETHANE (METHYL CHLOROFORM) (CAS:71556)		X			X			**2.177E-4**	**.0002177**
SULFUR TRIOXIDE (CAS:7446119)								******	**0**
METHANE (CAS:74828)						X		**0.3759**	**.375851**
METHYL BROMIDE (CAS:74839)		X			X			**5.90E-4**	**.00059**
ETHANE (CAS:74840)						X		**0.2086**	**.208617**
METHYL CHLORIDE (CHLOROMETHANE) (CAS:74873)	X		X	X		X		**0.0020**	
ETHYL CHLORIDE (CHLOROETHANE) (CAS:75003)	X		X	X		X		**1.544E-4**	
VINYL CHLORIDE (CAS:75014)	X		X	X		X		**0.0016**	
ACETONITRILE (CAS:75058)	X		X	X				**0.0060**	
ACETALDEHYDE (CAS:75070)	X		X	X		X		**0.0021**	
METHYLENE CHLORIDE (DICHLOROMETHANE) (CAS:75092)		X			X			**0.0012**	**.0011649**
CARBON DISULFIDE (CAS:75150)		X			X	X		**4.790E-4**	**.000479**
ETHYLENE OXIDE (CAS:75218)								******	
BROMOFORM (CAS:75252)	X		X	X				**1.434E-4**	
BROMODICHLOROMETHANE (CAS:75274)	X							**9.590E-7**	
PROPYLENE OXIDE (CAS:75569)								******	

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Facility Class: **A** Inventory Type **B** No. Employees: **260**
Potential/Actual: **A** HAPSingle/Combo: **S** Property Area: **550.0**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
HYDROCHLORIC ACID (CAS:7647010)		**X**			**X**	**X**		**4.6297**	**4.6297**
HYDROGEN FLUORIDE (CAS:7664393)		**X**				**X**		**0.5527**	**.552675**
SULFURIC ACID (CAS:7664939)					**X**			**0.1439**	**.143868**
DIMETHYL SULFATE (CAS:77781)	**X**		**X**	**X**				**1.765E-4**	
ISOPHORONE (CAS:78591)	**X**		**X**	**X**				**0.0021**	
METHYL ETHYL KETONE (CAS:78933)	**X**			**X**				**0.0029**	
TRICHLOROETHYLENE (TRICHLOROETHENE) (CAS:79016)	**X**		**X**	**X**				**9.590E-5**	
ACRYLAMIDE (CAS:79061)	**X**		**X**	**X**				**1.660E-4**	
METHYL METHACRYLATE (CAS:80626)	**X**		**X**	**X**				**0.0225**	
ACENAPTHENE (CAS:83329)								****	
PHENANTHRENE (CAS:85018)	**X**		**X**	**X**				**1.144E-6**	
FLUORENE (CAS:86737)	**X**		**X**	**X**				**1.885E-7**	
NAPHTHALENE (CAS:91203)	**X**		**X**	**X**				**0.0022**	
2-METHYLNAPTHALENE (CAS:91576)	**X**		**X**	**X**				**1.616E-6**	
CUMENE (CAS:98828)	**X**		**X**	**X**				**1.955E-5**	
ACETOPHENONE (CAS:98862)	**X**		**X**	**X**				**5.530E-5**	
ARSENIC & COMPOUNDS (AS)		**X**			**X**			**0.0026**	
BERYLLIUM & COMPOUNDS (BE)		**X**			**X**			**1.134E-4**	
CADMIUM & COMPOUNDS (CD)		**X**			**X**			**7.015E-4**	
CYANIDE COMPOUNDS (CNC)		**X**			**X**			**0.0092**	**.009211**

Permit: **0200-0011** County: **007-Anderson** EQC Region: **Anderson EQC** Year of Emissions: **2011**

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Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
CARBON MONOXIDE (CO)							**B**	**27.7919**	
CARBON DIOXIDE (CO2)								**30329.7800**	
COBALT COMPOUNDS (COC)		**X**			**X**			**5.850E-4**	
CHROMIUM COMPOUNDS (CRC)		**X**			**X**			**0.0033**	
MERCURY & COMPOUNDS (HG)		**X**			**X**			**3.233E-4**	
MANGANESE & COMPOUNDS (MNC)		**X**			**X**			**0.0041**	
NICKEL & COMPOUNDS (NI)		**X**			**X**			**0.0020**	
NITROGEN DIOXIDE (NO2)							**A**	**47.8585**	**47.85845**
LEAD & COMPOUNDS (PB)		**X**			**X**			**0.0029**	
PM (LESS THAN 10 MICRONS) (PM10)								**30.8411**	
PM (LESS THAN 2.5 MICRONS) (PM2.5)								**12.5234**	
POLYCYCLIC ORGANIC MATTER (POM)	**X**		**X**	**X**				**7.660E-5**	
PARTICULATE MATTER (TOTAL) (PT)							**B**	**48.0850**	**48.08496**
ANTIMONY & COMPOUNDS (SB)		**X**			**X**			**4.263E-4**	
SELENIUM & COMPOUNDS (SE)		**X**			**X**			**0.0048**	
SULFUR DIOXIDE (SO2)						**X**	**A**	**115.4060**	**115.406**
VOLATILE ORGANIC COMPOUNDS (VOC)							**B**	**29.3942**	**29.39424**

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Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)

Total VOC HAPs:	0.4628	Total Non VOC HAPs:	5.2177	Total HAPs:	5.6805

Emission Unit / Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
001 FINISHING RANGES												
001 / 1 TENTER FT01N - NG	**39000699**	**15.21**	Million Cubic Feet Natural Gas Burned	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
				106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**9.13e-6**		
				110543	**9**	**1.80E+0**	HEXANE			**0.0137**		
				129000	**9**	**0.000005**	PYRENE			**3.80e-8**		
				206440	**9**	**0.000003**	FLUORANTHENE			**2.28e-8**		
				50000	**9**	**0.075**	FORMALDEHYDE			**0.0006**		
				71432	**9**	**0.0021**	BENZENE			**1.60e-5**		
				74828	**9**	**2.3**	METHANE			**0.0175**		
				74840	**9**	**3.1**	ETHANE			**0.0236**		
				75070	**9**	**1.30E-5**	ACETALDEHYDE			**9.89e-8**		
				85018	**9**	**0.000017**	PHENANTHRENE			**1.29e-7**		
				86737	**9**	**0.0000028**	FLUORENE			**2.13e-8**		
				91203	**9**	**6.10E-4**	NAPHTHALENE			**4.64e-6**		
				91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.83e-7**		
				AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.52e-6**		
				CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**8.37e-6**		
				CO	**9**	**84**	CARBON MONOXIDE			**0.6388**		
				CO2	**9**	**120000**	CARBON DIOXIDE			**912.6000**		
				HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**1.98e-6**		
				MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.89e-6**		
				NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.60e-5**		
				NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.7605**		
				PB	**9**	**0.0005**	LEAD & COMPOUNDS			**3.80e-6**		
				PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)		**50.000**	**0.0289**		
				PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)		**50.000**	**0.0289**		
				PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)		**50.000**	**0.0289**		
				SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0046**		
				VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0418**		
001 / 2 TENTER FT01N - PROP	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**EFV**
				74828	**9**	**0.2**	METHANE					
				CO	**9**	**7.5**	CARBON MONOXIDE					
				CO2	**9**	**12500**	CARBON DIOXIDE					
				NO2	**9**	**13**	NITROGEN DIOXIDE					
				PM10	**9**	**0.7**	PM (LESS THAN 10 MICRONS)		**50.000**			
				PM2.5	**9**	**0.7**	PM (LESS THAN 2.5 MICRONS)		**50.000**			

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					PT	**9**	**0.7**	PARTICULATE MATTER (TOTAL)		**50.000**			
					SO2	**9**	**0.10**	SULFUR DIOXIDE			**0.0000**		
					VOC	**9**	**0.8**	VOLATILE ORGANIC COMPOUNDS					
001 / 3	**TENTER FT01N - EVAP**	**33000104**	**4994**	Tons Material Processed	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
					106898	**2**		EPICHLOROHYDRIN			**0.0000**		
					107211	**2**		ETHYLENE GLYCOL			**1.02E-2**		
					108054	**2**		VINYL ACETATE			**0.0000**		
					123911	**2**		1,4-DIOXANE			**0.0000**		
					140885	**2**		ETHYL ACRYLATE			**0.0000**		
					50000	**2**		FORMALDEHYDE			**6.79E-06**		
					67561	**2**		METHANOL			**3.893E-2**		
					74839	**2**		METHYL BROMIDE			**0.0000**		
					75014	**2**		VINYL CHLORIDE			**1.15E-6**		
					75070	**2**		ACETALDEHYDE			**0.0000**		
					75218	**2**		ETHYLENE OXIDE			**0.0000**		
					75569	**2**		PROPYLENE OXIDE			**0.0000**		
					79061	**2**		ACRYLAMIDE			**0.0000**		
					80626	**2**		METHYL METHACRYLATE			**0.0000**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**50.000**	**2.0000**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**50.000**	**2.0000**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**50.000**	**2.0000**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**4.1500**		
001 / 4	**TENTER FT02N - NG**	**39000699**	**15.73**	Million Cubic Feet Natural Gas Burned	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**9.44e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0142**		
					129000	**9**	**0.000005**	PYRENE			**3.93e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**2.36e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0006**		
					71432	**9**	**0.0021**	BENZENE			**1.65e-5**		
					74828	**9**	**2.3**	METHANE			**0.0181**		
					74840	**9**	**3.1**	ETHANE			**0.0244**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**1.02e-7**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.34e-7**		
					86737	**9**	**0.0000028**	FLUORENE			**2.20e-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**4.80e-6**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.89e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.57e-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**8.65e-6**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						CO	**9**	**84**	CARBON MONOXIDE			**0.6607**		
						CO2	**9**	**120000**	CARBON DIOXIDE			**943.8000**		
						HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**2.05e-6**		
						MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.99e-6**		
						NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.65e-5**		
						NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.7865**		
						PB	**9**	**0.0005**	LEAD & COMPOUNDS			**3.93e-6**		
						PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)	**50.000**		**0.0299**		
						PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)	**50.000**		**0.0299**		
						PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)	**50.000**		**0.0299**		
						SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0047**		
						VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0433**		
001 / 5	**TENTER FT02N - PROP**	**39001099**		**0** 1000 Gallons Liquified Petroleum Gas (LP	**102**	**- WESP STACKS WE01 AND WE02**							**02/06/2014**	**EFV**
						74828	**9**	**0.2**	METHANE					
						CO	**9**	**7.5**	CARBON MONOXIDE					
						CO2	**9**	**12500**	CARBON DIOXIDE					
						NO2	**9**	**13**	NITROGEN DIOXIDE					
						PM10	**9**	**0.7**	PM (LESS THAN 10 MICRONS)	**50.000**				
						PM2.5	**9**	**0.7**	PM (LESS THAN 2.5 MICRONS)	**50.000**				
						PT	**9**	**0.7**	PARTICULATE MATTER (TOTAL)	**50.000**				
						SO2	**9**	**0.10**	SULFUR DIOXIDE			**0.0000**		
						VOC	**9**	**0.8**	VOLATILE ORGANIC COMPOUNDS					
001 / 6	**TENTER FT02N - EVAP**	**33000104**		**5566** Tons Material Processed	**102**	**- WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
						106898	**2**		EPICHLOROHYDRIN			**0.0000**		
						107211	**2**		ETHYLENE GLYCOL			**2.54E-3**		
						108054	**2**		VINYL ACETATE			**0.0000**		
						123911	**2**		1,4-DIOXANE			**0.0000**		
						140885	**2**		ETHYL ACRYLATE			**0.0000**		
						50000	**2**		FORMALDEHYDE			**1.03E-5**		
						67561	**2**		METHANOL			**7.03E-2**		
						74839	**2**		METHYL BROMIDE			**0.0000**		
						75014	**2**		VINYL CHLORIDE			**0.0000**		
						75070	**2**		ACETALDEHYDE			**0.0000**		
						75218	**2**		ETHYLENE OXIDE			**0.0000**		
						75569	**2**		PROPYLENE OXIDE			**0.0000**		
						7647010	**2**		HYDROCHLORIC ACID			**1.47E-1**		
						79061	**2**		ACRYLAMIDE			**1.66E-4**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					80626	**2**		METHYL METHACRYLATE			**0.0000**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**50.000**	**2.2300**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**50.000**	**2.2300**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**50.000**	**2.2300**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**4.4900**		
001 / 7	**TENTER FT03 - NG**	**39000699**	**12.71**	Million Cubic Feet Natural Gas Burned	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**7.63e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0114**		
					129000	**9**	**0.000005**	PYRENE			**3.18e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**1.91e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0005**		
					71432	**9**	**0.0021**	BENZENE			**1.34e-5**		
					74828	**9**	**2.3**	METHANE			**0.0146**		
					74840	**9**	**3.1**	ETHANE			**0.0197**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**8.26e-8**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.08e-7**		
					86737	**9**	**0.0000028**	FLUORENE			**1.78e-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**3.88e-6**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.53e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.27e-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**6.99e-6**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.5338**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**762.6000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**1.65e-6**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.42e-6**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.34e-5**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.6355**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**3.18e-6**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)		**50.000**	**0.0241**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)		**50.000**	**0.0241**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)		**50.000**	**0.0241**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0038**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0350**		
001 / 8	**TENTER FT03 - PROP**	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**EFV**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**7.5**	CARBON MONOXIDE					

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**13**	NITROGEN DIOXIDE					
					PM10	**9**	**0.7**	PM (LESS THAN 10 MICRONS)		**50.000**			
					PM2.5	**9**	**0.7**	PM (LESS THAN 2.5 MICRONS)		**50.000**			
					PT	**9**	**0.7**	PARTICULATE MATTER (TOTAL)		**50.000**			
					SO2	**9**	**0.10**	SULFUR DIOXIDE			**0.0000**		
					VOC	**9**	**0.8**	VOLATILE ORGANIC COMPOUNDS					
001 / 9	**TENTER FT03 - EVAP**	**33000104**	**931**	Tons Material Processed	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
					106898	**2**		EPICHLOROHYDRIN			**0.0000**		
					107211	**2**		ETHYLENE GLYCOL			**0.0000**		
					108054	**2**		VINYL ACETATE			**0.0000**		
					123911	**2**		1,4-DIOXANE			**0.0000**		
					140885	**2**		ETHYL ACRYLATE			**4.48E-4**		
					50000	**2**		FORMALDEHYDE			**1.16E-1**		
					67561	**2**		METHANOL			**0.0000**		
					74839	**2**		METHYL BROMIDE			**0.0000**		
					75014	**2**		VINYL CHLORIDE			**0.0000**		
					75070	**2**		ACETALDEHYDE			**0.0000**		
					75218	**2**		ETHYLENE OXIDE			**0.0000**		
					75569	**2**		PROPYLENE OXIDE			**0.0000**		
					79061	**2**		ACRYLAMIDE			**0.0000**		
					80626	**2**		METHYL METHACRYLATE			**2.24E-2**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**50.000**	**0.3700**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**50.000**	**0.3700**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**50.000**	**0.3700**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**2.1700**		
001 / 13	**TENTER FT05 - NG**	**39000699**	**11.41**	Million Cubic Feet Natural Gas Burned	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**6.85e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0103**		
					129000	**9**	**0.000005**	PYRENE			**2.85e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**1.71e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**4.28e-4**		
					71432	**9**	**0.0021**	BENZENE			**1.20e-5**		
					74828	**9**	**2.3**	METHANE			**0.0131**		
					74840	**9**	**3.1**	ETHANE			**0.0177**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**7.42e-8**		
					85018	**9**	**0.000017**	PHENANTHRENE			**9.70e-8**		
					86737	**9**	**0.0000028**	FLUORENE			**1.60e-8**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					91203	**9**	**6.10E-4**	NAPHTHALENE			**3.48e-6**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.37e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.14e-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**6.28e-6**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.4792**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**684.6000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**1.48e-6**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.17e-6**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.20e-5**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.5705**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**2.85e-6**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)		**50.000**	**0.0217**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)		**50.000**	**0.0217**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)		**50.000**	**0.0217**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0034**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0314**		
001 / 14	**TENTER FT05 - PROP**	**39001099**		**0** 1000 Gallons Liquified Petroleum Gas (LP	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**EFV**
					74828	**9**	**0.2**	METHANE					
					CO	**9**	**7.5**	CARBON MONOXIDE					
					CO2	**9**	**12500**	CARBON DIOXIDE					
					NO2	**9**	**13**	NITROGEN DIOXIDE					
					PM10	**9**	**0.7**	PM (LESS THAN 10 MICRONS)		**50.000**			
					PM2.5	**9**	**0.7**	PM (LESS THAN 2.5 MICRONS)		**50.000**			
					PT	**9**	**0.7**	PARTICULATE MATTER (TOTAL)		**50.000**			
					SO2	**9**	**0.10**	SULFUR DIOXIDE			**0.0000**		
					VOC	**9**	**0.8**	VOLATILE ORGANIC COMPOUNDS					
001 / 15	**TENTER FT05 - EVAP**	**33000104**		**1015** Tons Material Processed	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
					106898	**2**		EPICHLOROHYDRIN			**0.0000**		
					107211	**2**		ETHYLENE GLYCOL			**0.0000**		
					108054	**2**		VINYL ACETATE			**0.0000**		
					121448	**2**		TRIETHYLAMINE			**2.78E-2**		
					123911	**2**		1,4-DIOXANE			**0.0000**		
					140885	**2**		ETHYL ACRYLATE			**0.0000**		
					50000	**2**		FORMALDEHYDE			**0.0000**		
					67561	**2**		METHANOL			**0.0000**		
					74839	**2**		METHYL BROMIDE			**0.0000**		
					75014	**2**		VINYL CHLORIDE			**0.0000**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					75070	**2**		ACETALDEHYDE			**0.0000**		
					75218	**2**		ETHYLENE OXIDE			**0.0000**		
					75569	**2**		PROPYLENE OXIDE			**0.0000**		
					79061	**2**		ACRYLAMIDE			**0.0000**		
					80626	**2**		METHYL METHACRYLATE			**0.0000**		
					PM10	**4**		PM (LESS THAN 10 MICRONS)		**50.000**	**0.4100**		
					PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**50.000**	**0.4100**		
					PT	**4**		PARTICULATE MATTER (TOTAL)		**50.000**	**0.4100**		
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**0.8100**		
001 / 19	**TENTER FT07 - NG**	**39000699**	**12.33**	Million Cubic Feet Natural Gas Burned	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
					106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**7.40e-6**		
					110543	**9**	**1.80E+0**	HEXANE			**0.0111**		
					129000	**9**	**0.000005**	PYRENE			**3.08e-8**		
					206440	**9**	**0.000003**	FLUORANTHENE			**1.85e-8**		
					50000	**9**	**0.075**	FORMALDEHYDE			**0.0005**		
					71432	**9**	**0.0021**	BENZENE			**1.30e-5**		
					74828	**9**	**2.3**	METHANE			**0.0142**		
					74840	**9**	**3.1**	ETHANE			**0.0191**		
					75070	**9**	**1.30E-5**	ACETALDEHYDE			**8.02e-8**		
					85018	**9**	**0.000017**	PHENANTHRENE			**1.05e-7**		
					86737	**9**	**0.0000028**	FLUORENE			**1.73e-8**		
					91203	**9**	**6.10E-4**	NAPHTHALENE			**3.76e-6**		
					91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**1.48e-7**		
					AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**1.23e-6**		
					CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**6.78e-6**		
					CO	**9**	**84**	CARBON MONOXIDE			**0.5179**		
					CO2	**9**	**120000**	CARBON DIOXIDE			**739.8000**		
					HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**1.60e-6**		
					MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**2.34e-6**		
					NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**1.30e-5**		
					NO2	**9**	**100.0**	NITROGEN DIOXIDE			**0.6165**		
					PB	**9**	**0.0005**	LEAD & COMPOUNDS			**3.08e-6**		
					PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)		**50.000**	**0.0234**		
					PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)		**50.000**	**0.0234**		
					PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)		**50.000**	**0.0234**		
					SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0037**		
					VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.0339**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit / Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
001 / 20 TENTER FT07 - PROP	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**EFV**
				74828	**9**	**0.2**	METHANE					
				CO	**9**	**7.5**	CARBON MONOXIDE					
				CO2	**9**	**12500**	CARBON DIOXIDE					
				NO2	**9**	**13**	NITROGEN DIOXIDE					
				PM10	**9**	**0.7**	PM (LESS THAN 10 MICRONS)		**50.000**			
				PM2.5	**9**	**0.7**	PM (LESS THAN 2.5 MICRONS)		**50.000**			
				PT	**9**	**0.7**	PARTICULATE MATTER (TOTAL)		**50.000**			
				SO2	**9**	**0.10**	SULFUR DIOXIDE			**0.0000**		
				VOC	**9**	**0.8**	VOLATILE ORGANIC COMPOUNDS					
001 / 21 TENTER FT07 - EVAP	**33000104**	**753**	Tons Material Processed	**102 - WESP STACKS WE01 AND WE02**							**02/06/2014**	**1L5**
				106898	**2**		EPICHLOROHYDRIN			**0.0000**		
				107211	**2**		ETHYLENE GLYCOL			**0.0000**		
				108054	**2**		VINYL ACETATE			**0.0000**		
				123911	**2**		1,4-DIOXANE			**0.0000**		
				140885	**2**		ETHYL ACRYLATE			**0.0000**		
				50000	**2**		FORMALDEHYDE			**6.92E-7**		
				67561	**2**		METHANOL			**1.09E-03**		
				74839	**2**		METHYL BROMIDE			**0.0000**		
				75014	**2**		VINYL CHLORIDE			**0.0000**		
				75070	**2**		ACETALDEHYDE			**0.0000**		
				75218	**2**		ETHYLENE OXIDE			**0.0000**		
				75569	**2**		PROPYLENE OXIDE			**0.0000**		
				79061	**2**		ACRYLAMIDE			**0.0000**		
				80626	**2**		METHYL METHACRYLATE			**0.0000**		
				PM10	**4**		PM (LESS THAN 10 MICRONS)		**50.000**	**0.3000**		
				PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)		**50.000**	**0.3000**		
				PT	**4**		PARTICULATE MATTER (TOTAL)		**50.000**	**0.3000**		
				VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**0.6200**		
001 / 22 RELAXED DRYER - EVAP	**33000106**	**0**	Tons Material Processed	**1112 - FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**
001 / 23 RELAXED DRYER - PROP	**39001099**	**0**	1000 Gallons Liquified Petroleum Gas (LP	**1112 - FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**
				74828	**9**	**0.2**	METHANE			**0.0000**		
				CO	**9**	**102.0**	CARBON MONOXIDE			**0.0000**		
				CO2	**9**	**14300**	CARBON DIOXIDE			**0.0000**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						NO2	**9**	**469.0**	NITROGEN DIOXIDE			**0.0000**		
						PM10	**9**	**32.0**	PM (LESS THAN 10 MICRONS)			**0.0000**		
						PM2.5	**9**	**0.8**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
						PT	**9**	**33.5**	PARTICULATE MATTER (TOTAL)			**0.0000**		
						SO2	**9**	**6.2**	SULFUR DIOXIDE			**0.0000**		
						VOC	**9**	**32.1**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		
001 / 24	**RELAXED DRYER - NG**	**39000699**		**0** Million Cubic Feet Natural Gas Burned	**1112 - FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**0.0000**		
						110543	**9**	**1.80E+0**	HEXANE			**0.0000**		
						129000	**9**	**5.00E-6**	PYRENE			**0.0000**		
						206440	**9**	**3.00E-6**	FLUORANTHENE			**0.0000**		
						50000	**9**	**7.50E-2**	FORMALDEHYDE			**0.0000**		
						71432	**9**	**2.10E-3**	BENZENE			**0.0000**		
						74828	**9**	**2.30E+0**	METHANE			**0.0000**		
						74840	**9**	**3.10E+0**	ETHANE			**0.0000**		
						75070	**9**	**1.30E-5**	ACETALDEHYDE			**0.0000**		
						85018	**9**	**1.70E-5**	PHENANTHRENE			**0.0000**		
						86737	**9**	**2.80E-6**	FLUORENE			**0.0000**		
						91203	**9**	**6.10E-4**	NAPHTHALENE			**0.0000**		
						91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**0.0000**		
						AS	**9**	**2.00E-4**	ARSENIC & COMPOUNDS			**0.0000**		
						CD	**9**	**1.10E-3**	CADMIUM & COMPOUNDS			**0.0000**		
						CO	**9**	**8.40E+1**	CARBON MONOXIDE			**0.0000**		
						CO2	**9**	**1.20E+5**	CARBON DIOXIDE			**0.0000**		
						HG	**9**	**2.60E-4**	MERCURY & COMPOUNDS			**0.0000**		
						MNC	**9**	**3.80E-4**	MANGANESE & COMPOUNDS			**0.0000**		
						NI	**9**	**2.10E-3**	NICKEL & COMPOUNDS			**0.0000**		
						NO2	**9**	**1.00E+2**	NITROGEN DIOXIDE			**0.0000**		
						PB	**9**	**5.00E-4**	LEAD & COMPOUNDS			**0.0000**		
						PM10	**9**	**7.60E+0**	PM (LESS THAN 10 MICRONS)			**0.0000**		
						PM2.5	**9**	**7.60E+0**	PM (LESS THAN 2.5 MICRONS)			**0.0000**		
						PT	**9**	**7.60E+0**	PARTICULATE MATTER (TOTAL)			**0.0000**		
						SO2	**9**	**6.00E-1**	SULFUR DIOXIDE			**0.0000**		
						VOC	**9**	**5.50E+0**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		
002	**FACE FINISHING PROCESS**													
002 / 3	**LEXUS**	**33000199**		**471** Tons Material Processed	**1113 - LEXUS**								**02/06/2014**	**1L5**
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.3200**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.3200**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.3200**		
						VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**0.2800**		
002 / 4	**WIDE SANDER**	**33000199**	**65.48**	Tons Material Processed									**02/06/2014**	**1L5**
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0000**		
002 / 5	**NARROW SANDER**	**33000199**	**212**	Tons Material Processed									**02/06/2014**	**1L5**
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0000**		
002 / 6	**DETWISTER BEATER BAR**	**33000199**	**7425**	Tons Material Processed	**1112 - FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0000**		
002 / 7	**EAGLE BRUSH BOX #1**	**33000199**	**3896**	Tons Material Processed	**1112 - FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**5.62E-3**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**5.62E-3**		
002 / 8	**EAGLE BRUSH BOX #2**	**33000199**	**3896**	Tons Material Processed									**02/06/2014**	**1L5**
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**5.62E-3**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**5.62E-3**		
002 / 9	**TIGER RECHECK FRAME BRUSH**	**33000199**	**137**	Tons Material Processed	**1112 - FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**1.44E-4**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**1.44E-4**		
002 / 10	**SANDER #1**	**33000199**	**0**	Tons Material Processed	**1112 - FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0000**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0000**		
002 / 11	**PATRIOT BRUSH BOX**	**33000199**	**1998**	Tons Material Processed	**1112 - FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**2.88E-3**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**2.88E-3**		
003	**COAL BOILERS**													
003 / 1	**BLR1 44MMBTU - COAL**	**10200204**	**2020**	Tons Bituminous Coal Burned	**7 - BLR 1**					**0.800**	**3.99**		**02/06/2014**	**1L5**
						100414	**9**	**9.40E-5**	ETHYL BENZENE			**9.49e-5**		
						100425	**9**	**2.50E-5**	STYRENE			**2.53e-5**		
						100447	**9**	**7.00E-4**	BENZYL CHLORIDE			**0.0007**		
						106934	**9**	**1.20E-6**	ETHYLENE DIBROMIDE			**1.21e-6**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					107028	9	2.90E-4	ACROLEIN			2.93e-4		
					107062	9	4.00E-5	ETHYLENE DICHLORIDE			4.04e-5		
					108054	9	7.60E-6	VINYL ACETATE			7.68e-6		
					108883	9	2.40E-4	TOLUENE			2.42e-4		
					108907	9	2.20E-5	CHLOROBENZENE			2.22e-5		
					108952	9	1.60E-5	PHENOL			1.62e-5		
					110543	9	6.70E-5	HEXANE			6.77e-5		
					117817	9	7.30E-5	BIS(2-ETHYLHEXYL)PHTHALATE			7.37e-5		
					121142	9	2.80E-7	2,4-DINITROTOLUENE			2.83e-7		
					123386	9	3.80E-4	PROPIONALDEHYDE			3.84e-4		
					127184	9	4.30E-5	TETRACHLOROETHYLENE (PERCHL			4.34e-5		
					1330207	9	3.70E-5	XYLENE (MIXED ISOMERS)			3.74e-5		
					16065831	9	1.81E-4	CHROMIUM (CR3)			1.83e-4		
					1634044	9	3.50E-5	METHYL TERT-BUTYL ETHER			3.54e-5		
					18540299	9	7.90E-5	CHROMIUM (CR6PT)			7.98e-5		
					50000	9	2.40E-4	FORMALDEHYDE			2.42e-4		
					532274	9	7.00E-6	2-CHLOROACETOPHENONE			7.07e-6		
					60344	9	1.70E-4	METHYLHYDRAZINE			1.72e-4		
					626	9	3.50E-12	DIOXINS/FURANS (AS TEQ UNITS)			3.5e-12		
					67663	9	5.90E-5	CHLOROFORM			5.96e-5		
					71432	9	1.30E-3	BENZENE			0.0013		
					71556	9	2.00E-5	1,1,1-TRICHLOROETHANE (METHYL			2.02e-5		
					74828	9	0.06	METHANE			0.0606		
					74839	9	1.60E-4	METHYL BROMIDE			1.62e-4		
					74873	9	5.30E-4	METHYL CHLORIDE (CHLOROMETH			0.0005		
					75003	9	4.20E-5	ETHYL CHLORIDE (CHLOROETHANE			4.24e-5		
					75070	9	5.70E-4	ACETALDEHYDE			0.0006		
					75092	9	2.90E-4	METHYLENE CHLORIDE (DICHLORO			2.93e-4		
					75150	9	1.30E-4	CARBON DISULFIDE			1.31e-4		
					75252	9	3.90E-5	BROMOFORM			3.94e-5		
					7647010	9	1.2	HYDROCHLORIC ACID			1.2120		
					7664393	9	0.15	HYDROGEN FLUORIDE			0.1515		
					77781	9	4.80E-5	DIMETHYL SULFATE			4.85e-5		
					78591	9	5.80E-4	ISOPHORONE			0.0006		
					78933	9	3.90E-4	METHYL ETHYL KETONE			3.94e-4		
					80626	9	2.00E-5	METHYL METHACRYLATE			2.02e-5		
					98828	9	5.30E-6	CUMENE			5.35e-6		
					98862	9	1.50E-5	ACETOPHENONE			1.52e-5		
					AS	9	4.10E-4	ARSENIC & COMPOUNDS			4.14e-4		
					BE	9	2.10E-5	BERYLLIUM & COMPOUNDS			2.12e-5		
					CD	9	5.10E-5	CADMIUM & COMPOUNDS			5.15e-5		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					CNC	**9**	**2.50E-3**	CYANIDE COMPOUNDS			**0.0025**		
					CO	**9**	**5.0**	CARBON MONOXIDE			**5.0500**		
					CO2	**9**	**6040**	CARBON DIOXIDE			**6100.4000**		
					COC	**9**	**1.00E-4**	COBALT COMPOUNDS			**1.01e-4**		
					HG	**9**	**8.30E-5**	MERCURY & COMPOUNDS			**8.38e-5**		
					MNC	**9**	**4.90E-4**	MANGANESE & COMPOUNDS			**0.0005**		
					NI	**9**	**2.80E-4**	NICKEL & COMPOUNDS			**2.83e-4**		
					NO2	**9**	**11**	NITROGEN DIOXIDE			**11.1100**		
					PB	**9**	**4.20E-4**	LEAD & COMPOUNDS			**4.24e-4**		
					PM10	**3**		PM (LESS THAN 10 MICRONS)		**82.000**	**7.8800**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)		**82.000**	**1.7200**		
					POM	**9**	**2.08E-5**	POLYCYCLIC ORGANIC MATTER			**2.10e-5**		
					PT	**3**		PARTICULATE MATTER (TOTAL)		**82.000**	**20.0000**		
					SB	**9**	**1.80E-5**	ANTIMONY & COMPOUNDS			**1.82e-5**		
					SE	**9**	**1.30E-3**	SELENIUM & COMPOUNDS			**0.0013**		
					SO2	**9**	**38.0**	SULFUR DIOXIDE			**30.7040**		
					VOC	**9**	**0.05**	VOLATILE ORGANIC COMPOUNDS			**0.0505**		
003 / 2	**BLR2 44MMBTU - COAL**	**10200204**	**5349**	Tons Bituminous Coal Burned	**8 - BLR 2**				**0.800**	**3.99**		**02/06/2014**	**1L5**
					100414	**9**	**9.40E-5**	ETHYL BENZENE			**2.51e-4**		
					100425	**9**	**2.50E-5**	STYRENE			**6.69e-5**		
					100447	**9**	**7.00E-4**	BENZYL CHLORIDE			**0.0019**		
					106934	**9**	**1.20E-6**	ETHYLENE DIBROMIDE			**3.21e-6**		
					107028	**9**	**2.90E-4**	ACROLEIN			**0.0008**		
					107062	**9**	**4.00E-5**	ETHYLENE DICHLORIDE			**1.07e-4**		
					108054	**9**	**7.60E-6**	VINYL ACETATE			**2.03e-5**		
					108883	**9**	**2.40E-4**	TOLUENE			**0.0006**		
					108907	**9**	**2.20E-5**	CHLOROBENZENE			**5.88e-5**		
					108952	**9**	**1.60E-5**	PHENOL			**4.28e-5**		
					110543	**9**	**6.70E-5**	HEXANE			**1.79e-4**		
					117817	**9**	**7.30E-5**	BIS(2-ETHYLHEXYL)PHTHALATE			**1.95e-4**		
					121142	**9**	**2.80E-7**	2,4-DINITROTOLUENE			**7.49e-7**		
					123386	**9**	**3.80E-4**	PROPIONALDEHYDE			**0.0010**		
					127184	**9**	**4.30E-5**	TETRACHLOROETHYLENE (PERCHL			**1.15e-4**		
					1330207	**9**	**3.70E-5**	XYLENE (MIXED ISOMERS)			**9.90e-5**		
					16065831	**9**	**1.81E-4**	CHROMIUM (CR3)			**0.0005**		
					1634044	**9**	**3.50E-5**	METHYL TERT-BUTYL ETHER			**9.36e-5**		
					18540299	**9**	**7.90E-5**	CHROMIUM (CR6PT)			**2.11e-4**		
					50000	**9**	**2.40E-4**	FORMALDEHYDE			**0.0006**		
					532274	**9**	**7.00E-6**	2-CHLOROACETOPHENONE			**1.87e-5**		
					60344	**9**	**1.70E-4**	METHYLHYDRAZINE			**0.0005**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					626	**9**	**3.50E-12**	DIOXINS/FURANS (AS TEQ UNITS)			**9.4e-12**		
					67663	**9**	**5.90E-5**	CHLOROFORM			**1.58e-4**		
					71432	**9**	**1.30E-3**	BENZENE			**0.0035**		
					71556	**9**	**2.00E-5**	1,1,1-TRICHLOROETHANE (METHYL			**5.35e-5**		
					74828	**9**	**0.06**	METHANE			**0.1605**		
					74839	**9**	**1.60E-4**	METHYL BROMIDE			**4.28e-4**		
					74873	**9**	**5.30E-4**	METHYL CHLORIDE (CHLOROMETH,			**0.0014**		
					75003	**9**	**4.20E-5**	ETHYL CHLORIDE (CHLOROETHANE			**1.12e-4**		
					75070	**9**	**5.70E-4**	ACETALDEHYDE			**0.0015**		
					75092	**9**	**2.90E-4**	METHYLENE CHLORIDE (DICHLORO			**0.0008**		
					75150	**9**	**1.30E-4**	CARBON DISULFIDE			**3.48e-4**		
					75252	**9**	**3.90E-5**	BROMOFORM			**1.04e-4**		
					7647010	**9**	**1.2**	HYDROCHLORIC ACID			**3.2094**		
					7664393	**9**	**0.15**	HYDROGEN FLUORIDE			**0.4012**		
					77781	**9**	**4.80E-5**	DIMETHYL SULFATE			**1.28e-4**		
					78591	**9**	**5.80E-4**	ISOPHORONE			**0.0016**		
					78933	**9**	**3.90E-4**	METHYL ETHYL KETONE			**0.0010**		
					80626	**9**	**2.00E-5**	METHYL METHACRYLATE			**5.35e-5**		
					98828	**9**	**5.30E-6**	CUMENE			**1.42e-5**		
					98862	**9**	**1.50E-5**	ACETOPHENONE			**4.01e-5**		
					AS	**9**	**4.10E-4**	ARSENIC & COMPOUNDS			**0.0011**		
					BE	**9**	**2.10E-5**	BERYLLIUM & COMPOUNDS			**5.62e-5**		
					CD	**9**	**5.10E-5**	CADMIUM & COMPOUNDS			**1.36e-4**		
					CNC	**9**	**2.50E-3**	CYANIDE COMPOUNDS			**0.0067**		
					CO	**9**	**5.0**	CARBON MONOXIDE			**13.3725**		
					CO2	**9**	**6040**	CARBON DIOXIDE			**16153.9800**		
					COC	**9**	**1.00E-4**	COBALT COMPOUNDS			**2.68e-4**		
					HG	**9**	**8.30E-5**	MERCURY & COMPOUNDS			**2.22e-4**		
					MNC	**9**	**4.90E-4**	MANGANESE & COMPOUNDS			**0.0013**		
					NI	**9**	**2.80E-4**	NICKEL & COMPOUNDS			**0.0007**		
					NO2	**9**	**11**	NITROGEN DIOXIDE			**29.4195**		
					PB	**9**	**4.20E-4**	LEAD & COMPOUNDS			**0.0011**		
					PM10	**3**		PM (LESS THAN 10 MICRONS)		**82.000**	**16.4434**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)		**82.000**	**4.5600**		
					POM	**9**	**2.08E-5**	POLYCYCLIC ORGANIC MATTER			**5.56e-5**		
					PT	**1**		PARTICULATE MATTER (TOTAL)		**82.000**	**21.4173**		
					SB	**9**	**1.80E-5**	ANTIMONY & COMPOUNDS			**4.81e-5**		
					SE	**9**	**1.30E-3**	SELENIUM & COMPOUNDS			**0.0035**		
					SO2	**9**	**38.0**	SULFUR DIOXIDE			**81.3048**		
					VOC	**9**	**0.05**	VOLATILE ORGANIC COMPOUNDS			**0.1337**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
003 / 3	**BLR2 44MMBTU - SLUDGE**	**50300506**	**239.78**	Tons Dried Sludge Burned	**8 - BLR 2**							**02/06/2014**	**1L5**
					100414	**9**	**0.0016**	ETHYL BENZENE			**1.92e-4**		
					106467	**9**	**0.0082**	1,4-DICHLOROBENZENE			**0.0010**		
					107131	**9**	**0.05**	ACRYLONITRILE			**0.0060**		
					108883	**9**	**0.015**	TOLUENE			**0.0018**		
					108907	**9**	**0.0015**	CHLOROBENZENE			**1.80e-4**		
					108952	**9**	**0.044**	PHENOL			**0.0053**		
					117817	**9**	**0.0019**	BIS(2-ETHYLHEXYL)PHTHALATE			**2.28e-4**		
					127184	**9**	**0.0008**	TETRACHLOROETHYLENE (PERCHL			**9.59e-5**		
					1330207	**9**	**0.0019**	XYLENE (MIXED ISOMERS)			**2.28e-4**		
					56235	**9**	**0.00002**	CARBON TETRACHLORIDE			**2.40e-6**		
					67663	**9**	**0.00006**	CHLOROFORM			**7.19e-6**		
					71432	**9**	**0.012**	BENZENE			**0.0014**		
					71556	**9**	**0.0012**	1,1,1-TRICHLOROETHANE (METHYL			**1.44e-4**		
					75014	**9**	**0.013**	VINYL CHLORIDE			**0.0016**		
					75058	**9**	**0.05**	ACETONITRILE			**0.0060**		
					75092	**9**	**0.0008**	METHYLENE CHLORIDE (DICHLORO			**9.59e-5**		
					75274	**9**	**0.000008**	BROMODICHLOROMETHANE			**9.59e-7**		
					7647010	**2**		HYDROCHLORIC ACID			**6.13E-2**		
					7664939	**9**	**1.2**	SULFURIC ACID			**0.1439**		
					78933	**9**	**0.012**	METHYL ETHYL KETONE			**0.0014**		
					79016	**9**	**0.0008**	TRICHLOROETHYLENE (TRICHLORC			**9.59e-5**		
					91203	**9**	**0.018**	NAPHTHALENE			**0.0022**		
					AS	**2**		ARSENIC & COMPOUNDS			**1.08E-3**		
					BE	**9**	**0.0003**	BERYLLIUM & COMPOUNDS			**3.60e-5**		
					CD	**2**		CADMIUM & COMPOUNDS			**4.4E-4**		
					CO	**9**	**31**	CARBON MONOXIDE			**3.7166**		
					COC	**9**	**0.0018**	COBALT COMPOUNDS			**2.16e-4**		
					CRC	**2**		CHROMIUM COMPOUNDS			**3.29E-3**		
					MNC	**9**	**0.019**	MANGANESE & COMPOUNDS			**0.0023**		
					NI	**2**		NICKEL & COMPOUNDS			**8.6E-4**		
					NO2	**9**	**5.0**	NITROGEN DIOXIDE			**0.5995**		
					PB	**2**		LEAD & COMPOUNDS			**1.27E-3**		
					PM10	**1**		PM (LESS THAN 10 MICRONS)		**82.000**	**0.4900**		
					PM2.5	**1**		PM (LESS THAN 2.5 MICRONS)		**82.000**	**0.2300**		
					PT	**1**		PARTICULATE MATTER (TOTAL)		**82.000**	**0.6400**		
					SB	**9**	**0.003**	ANTIMONY & COMPOUNDS			**3.60e-4**		
					SE	**9**	**0.0003**	SELENIUM & COMPOUNDS			**3.60e-5**		
					SO2	**9**	**28**	SULFUR DIOXIDE			**3.3569**		
					VOC	**9**	**1.0**	VOLATILE ORGANIC COMPOUNDS			**0.1199**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit / Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
004 BOILER												
004/1 BLR 3 - 63 MMBTU - NG	**10200602**	**67.20**	Million Cubic Feet Natural Gas Burned	**9 - BLR 3**							**02/06/2014**	**1L5**
				106467	**9**	**1.20E-3**	1,4-DICHLOROBENZENE			**4.03e-5**		
				110543	**9**	**1.80E+0**	HEXANE			**0.0605**		
				129000	**9**	**0.000005**	PYRENE			**1.68e-7**		
				206440	**9**	**0.000003**	FLUORANTHENE			**1.01e-7**		
				50000	**9**	**0.075**	FORMALDEHYDE			**0.0025**		
				71432	**9**	**0.0021**	BENZENE			**7.06e-5**		
				74828	**9**	**2.3**	METHANE			**0.0773**		
				74840	**9**	**3.1**	ETHANE			**0.1042**		
				75070	**9**	**1.30E-5**	ACETALDEHYDE			**4.37e-7**		
				85018	**9**	**0.000017**	PHENANTHRENE			**5.71e-7**		
				86737	**9**	**0.0000028**	FLUORENE			**9.41e-8**		
				91203	**9**	**6.10E-4**	NAPHTHALENE			**2.05e-5**		
				91576	**9**	**2.40E-5**	2-METHYLNAPTHALENE			**8.06e-7**		
				AS	**9**	**0.0002**	ARSENIC & COMPOUNDS			**6.72e-6**		
				CD	**9**	**0.0011**	CADMIUM & COMPOUNDS			**3.70e-5**		
				CO	**9**	**84.0**	CARBON MONOXIDE			**2.8224**		
				CO2	**9**	**120000**	CARBON DIOXIDE			**4032.0000**		
				HG	**9**	**0.00026**	MERCURY & COMPOUNDS			**8.74e-6**		
				MNC	**9**	**0.00038**	MANGANESE & COMPOUNDS			**1.28e-5**		
				NI	**9**	**0.0021**	NICKEL & COMPOUNDS			**7.06e-5**		
				NO2	**9**	**100.0**	NITROGEN DIOXIDE			**3.3600**		
				PB	**9**	**0.0005**	LEAD & COMPOUNDS			**1.68e-5**		
				PM10	**9**	**7.6**	PM (LESS THAN 10 MICRONS)			**0.2554**		
				PM2.5	**9**	**7.6**	PM (LESS THAN 2.5 MICRONS)			**0.2554**		
				PT	**9**	**7.6**	PARTICULATE MATTER (TOTAL)			**0.2554**		
				SO2	**9**	**0.6**	SULFUR DIOXIDE			**0.0202**		
				VOC	**9**	**5.5**	VOLATILE ORGANIC COMPOUNDS			**0.1848**		
004/2 BLR 3 63MMBTU - 6OIL	**10200401**	**0**	1000 Gallons Residual Oil (No. 6) Burned	**9 - BLR 3**							**02/06/2014**	**G26**
				102	**9**	**1.48E-6**	BENZO(B,J,K)FLUORANTHENE					
				120127	**9**	**1.22e-06**	ANTHRACENE			**0.0000**		
				129000	**9**	**4.25e-06**	PYRENE			**0.0000**		
				16065831	**9**	**5.97E-4**	CHROMIUM (CR3)					
				18540299	**9**	**2.48E-4**	CHROMIUM (CR6PT)					
				191242	**9**	**2.26e-06**	BENZO(G,H,I)PERYLENE			**0.0000**		
				193395	**9**	**2.14e-06**	INDENO(1,2,3-CD)PYRENE			**0.0000**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					206440	**9**	**4.84e-06**	FLUORANTHENE			**0.0000**		
					208968	**9**	**2.53e-07**	ACENAPHTHYLENE			**0.0000**		
					218019	**9**	**2.38e-06**	CHRYSENE			**0.0000**		
					50000	**9**	**0.033**	FORMALDEHYDE			**0.0000**		
					53703	**9**	**1.6e-06**	DIBENZO(A,H)ANTHRACENE			**0.0000**		
					56553	**9**	**4.01e-06**	BENZ(A)ANTHRACENE			**0.0000**		
					71432	**9**	**0.000214**	BENZENE			**0.0000**		
					7446119	**9**	**5.7**	SULFUR TRIOXIDE			**0.0000**		
					74828	**9**	**0.28**	METHANE			**0.0000**		
					75070	**9**	**4.90E-3**	ACETALDEHYDE			**0.00E+0**		
					83329	**9**	**0.0000211**	ACENAPTHENE			**0.0000**		
					85018	**9**	**1.05e-05**	PHENANTHRENE			**0.0000**		
					86737	**9**	**4.47e-06**	FLUORENE			**0.0000**		
					91203	**9**	**1.13E-3**	NAPHTHALENE					
					AS	**9**	**1.32e-03**	ARSENIC & COMPOUNDS			**0.0000**		
					BE	**9**	**2.78e-05**	BERYLLIUM & COMPOUNDS			**0.0000**		
					CD	**9**	**3.98e-04**	CADMIUM & COMPOUNDS			**0.0000**		
					CO	**9**	**5.0**	CARBON MONOXIDE			**0.0000**		
					CO2	**9**	**24400**	CARBON DIOXIDE			**0.0000**		
					HG	**9**	**1.13e-04**	MERCURY & COMPOUNDS			**0.0000**		
					MNC	**9**	**3.00e-03**	MANGANESE & COMPOUNDS			**0.0000**		
					NI	**9**	**8.45e-02**	NICKEL & COMPOUNDS			**0.0000**		
					NO2	**9**	**47.0**	NITROGEN DIOXIDE			**0.0000**		
					PB	**9**	**1.51e-03**	LEAD & COMPOUNDS			**0.0000**		
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0000**		
					PM2.5	**3**		PM (LESS THAN 2.5 MICRONS)			**0.0000**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0000**		
					SE	**9**	**6.83E-4**	SELENIUM & COMPOUNDS					
					SO2	**9**	**157**	SULFUR DIOXIDE			**0.0000**		
					VOC	**9**	**0.76**	VOLATILE ORGANIC COMPOUNDS			**0.0000**		
013	**INSIG. ACTIV. TOTAL VOC**												
013 / 1	**TOTAL VOC LOSS**	**33000106**	**8.29**	Tons Material Processed	**1112**	**- FUGITIVE DEFAULT EP**						**02/06/2014**	**G26**
					VOC	**2**		VOLATILE ORGANIC COMPOUNDS			**16.2000**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emissions Inventory of CISWI Unit

North American Container Corporation

SCDHEC

Detailed Emissions Inventory Report for **NORTH AMERICAN CONTAINER:ROWESVILLE**

From EI Data Year 2013

Permit: **1860-0077** County: **075-Orangeburg** EQC Region: **Aiken EQC** Year of Emissions: **2011**

Plant Location:
950 GARLAND RD
ROWESVILLE, SC

Latitude: **33º23'45"**
Longitude: **80º50'11"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3706.600**
UTM Horizontal: **523.200**

Contacts
Emissions: **BEN AKIN** **(803)531-1712**
Billing: **BEN AKIN** **(803)531-1712**
Principal Product: **WOOD/CORRUGATED CONTAINER**

Mailing Address:
NORTH AMERICAN CONTAINER CORP
950 GARLAND RD
ROWESVILLE, SC 29133

Standard Industrial Classification:
2449 Wood Containers, Nec

North American Industrial Classification:
321920 Wood Container and Pallet Manufacturing

Facility Class: **A** Inventory Type
Potential/Actual: **P** HAPSingle/Combo:
No. Employees: **250**
Property Area: **16.3**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
4-NITROPHENOL (CAS:100027)	X		X	X				**1.230E-6**	
ETHYL BENZENE (CAS:100414)	X		X	X				**3.460E-4**	
STYRENE (CAS:100425)	X		X	X				**0.0212**	
ACROLEIN (CAS:107028)	X		X	X		X		**0.0446**	
ETHYLENE DICHLORIDE (CAS:107062)	X		X	X				**3.230E-4**	
TOLUENE (CAS:108883)	X		X	X				**0.0103**	
CHLOROBENZENE (CAS:108907)	X		X	X				**3.680E-4**	
PHENOL (CAS:108952)	X		X	X				**5.690E-4**	
FURAN (CAS:110009)	X		X			X		**2.090E-8**	
BIS(2-ETHYLHEXYL)PHTHALATE (CAS:117817)	X		X	X				**5.240E-7**	
ANTHRACENE (CAS:120127)	X		X	X				**3.340E-5**	
PROPIONALDEHYDE (CAS:123386)	X		X	X				**3.580E-4**	
TETRACHLOROETHYLENE (PERCHLOROETHYLENE) (CAS:127184)		X			X			**4.240E-4**	**.000424**
PYRENE (CAS:129000)	X		X	X				**4.120E-5**	
XYLENE (MIXED ISOMERS) (CAS:1330207)	X		X	X				**2.790E-4**	
CHROMIUM (CR3) (CAS:16065831)		X			X			**1.950E-4**	
2,3,7,8-Tetrachlorodibenzo-p-Dioxin (CAS:1746016)	X		X	X				**9.60E-11**	
CHROMIUM (CR6PT) (CAS:18540299)		X			X			**3.90E-5**	
BENZO(G,H,I)PERYLENE (CAS:191242)	X		X	X				**1.040E-6**	
BENZO(E)PYRENE (CAS:192972)	X		X	X				**2.90E-8**	

Permit: **1860-0077** County: **075-Orangeburg** EQC Region: **Aiken EQC** Year of Emissions: **2011**

Plant Location:
950 GARLAND RD
ROWESVILLE, SC

Latitude: **33º23'45"**
Longitude: **80º50'11"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3706.600**
UTM Horizontal: **523.200**

Contacts
Emissions: **BEN AKIN** **(803)531-1712**
Billing: **BEN AKIN** **(803)531-1712**
Telephone Numbers

Mailing Address:
NORTH AMERICAN CONTAINER CORP
950 GARLAND RD
ROWESVILLE, SC 29133

Principal Product: **WOOD/CORRUGATED CONTAINER**
Standard Industrial Classification:
2449 Wood Containers, Nec

Facility Class: **A** Inventory Type
Potential/Actual: **P** HAPSingle/Combo:
No. Employees: **250**
Property Area: **16.3**

North American Industrial Classification:
321920 Wood Container and Pallet Manufacturing

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
INDENO(1,2,3-CD)PYRENE (CAS:193395)	X		X	X				**9.70E-7**	
BENZO(j)FLUORANTHENE (CAS:205823)	X		X	X				**1.380E-6**	
BENZO(B)FLUORANTHENE (CAS:205992)	X		X	X				**1.120E-6**	
FLUORANTHENE (CAS:206440)	X		X	X				**1.780E-5**	
BENZO(K)FLUORANTHENE (CAS:207089)	X		X	X				**4.010E-7**	
ACENAPHTHYLENE (CAS:208968)	X		X	X				**5.570E-5**	
CHRYSENE (CAS:218019)	X		X	X				**4.240E-7**	
CROTONALDEHYDE [2-BUTENAL] (CAS:4170303)	X					X		**1.10E-4**	
FORMALDEHYDE (CAS:50000)	X		X	X		X		**0.6069**	
BENZO(A)PYRENE (CAS:50328)	X		X	X				**2.90E-5**	
2,4-DINITROPHENOL (CAS:51285)	X		X	X				**2.010E-6**	
DIBENZO(A,H)ANTHRACENE (CAS:53703)	X		X	X				**1.010E-7**	
CARBON TETRACHLORIDE (CAS:56235)	X		X	X				**5.020E-4**	
BENZ(A)ANTHRACENE (CAS:56553)	X		X	X				**7.250E-7**	
Dioxins, Total, w/o Individ. Isomers Reported {PCDDs} (CAS:610)	X		X	X				**1.860E-5**	
DIOXINS/FURANS (AS TEQ UNITS) (CAS:626)	X		X	X				**3.010E-9**	
METHANOL (CAS:67561)	X		X	X				**0.8666**	
CHLOROFORM (CAS:67663)	X		X	X		X		**3.120E-4**	
BENZENE (CAS:71432)	X		X	X				**0.0468**	
1,1,1-TRICHLOROETHANE (METHYL CHLOROFORM) (CAS:71556)		X			X			**3.460E-4**	**.000346**

Permit: **1860-0077** County: **075-Orangeburg** EQC Region: **Aiken EQC** Year of Emissions: **2011**

Plant Location:
950 GARLAND RD
ROWESVILLE, SC

Latitude: **33º23'45"**
Longitude: **80º50'11"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3706.600**
UTM Horizontal: **523.200**

Contacts
Emissions: **BEN AKIN** **(803)531-1712**
Billing: **BEN AKIN** **(803)531-1712**
Principal Product: **WOOD/CORRUGATED CONTAINER**

Telephone Numbers

Mailing Address:
NORTH AMERICAN CONTAINER CORP
950 GARLAND RD
ROWESVILLE, SC 29133

Standard Industrial Classification:
2449 Wood Containers, Nec

North American Industrial Classification:
321920 Wood Container and Pallet Manufacturing

Facility Class: **A** Inventory Type
Potential/Actual: **P** HAPSingle/Combo:
No. Employees: **250**
Property Area: **16.3**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
METHANE (CAS:74828)						**X**		**0.2351**	**.235089**
METHYL BROMIDE (CAS:74839)		**X**			**X**			**1.670E-4**	**.000167**
METHYL CHLORIDE (CHLOROMETHANE) (CAS:74873)	**X**		**X**	**X**		**X**		**2.560E-4**	
VINYL CHLORIDE (CAS:75014)	**X**		**X**	**X**		**X**		**2.006E-4**	
ACETALDEHYDE (CAS:75070)	**X**		**X**	**X**		**X**		**0.0093**	
METHYLENE CHLORIDE (DICHLOROMETHANE) (CAS:75092)		**X**			**X**			**0.0032**	**.003233**
CFC-11 (FLUOROTRICHLOROMETHANE) (CAS:75694)								**4.570E-4**	
HYDROCHLORIC ACID (CAS:7647010)		**X**			**X**	**X**		**0.2118**	**.211795**
CHLORINE (CAS:7782505)		**X**			**X**	**X**		**0.0088**	**.008806**
PROPYLENE DICHLORIDE (CAS:78875)	**X**		**X**	**X**				**3.680E-4**	
METHYL ETHYL KETONE (CAS:78933)	**X**			**X**				**6.020E-5**	
TRICHLOROETHYLENE (TRICHLOROETHENE) (CAS:79016)	**X**		**X**	**X**				**3.340E-4**	
1,1,2,2-TETRACHLOROETHANE (CAS:79345)	**X**		**X**	**X**				**4.240E-4**	
ACENAPTHENE (CAS:83329)	**X**		**X**	**X**				**1.010E-5**	
PHENANTHRENE (CAS:85018)	**X**		**X**	**X**				**7.80E-5**	
FLUORENE (CAS:86737)	**X**		**X**	**X**				**3.790E-5**	
PENTACHLOROPHENOL (CAS:87865)	**X**		**X**	**X**				**5.690E-7**	
2,4,6-TRICHLOROPHENOL (CAS:88062)	**X**		**X**	**X**				**2.450E-7**	
NAPHTHALENE (CAS:91203)	**X**		**X**	**X**				**0.0011**	
2-METHYLNAPTHALENE (CAS:91576)	**X**		**X**	**X**				**1.780E-6**	

Permit: **1860-0077** County: **075-Orangeburg** EQC Region: **Aiken EQC** Year of Emissions: **2011**

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Billing: **BEN AKIN** **(803)531-1712**
Principal Product: **WOOD/CORRUGATED CONTAINER**
Standard Industrial Classification:
2449 Wood Containers, Nec

Facility Class: **A** Inventory Type
Potential/Actual: **P** HAPSingle/Combo:
No. Employees: **250**
Property Area: **16.3**

North American Industrial Classification:
321920 Wood Container and Pallet Manufacturing

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
2-CHLORONAPTHALENE (CAS:91587)	X		X	X				**2.680E-8**	
ACETOPHENONE (CAS:98862)	X		X	X				**3.570E-8**	
ARSENIC & COMPOUNDS (AS)		X			X			**3.680E-6**	
BERYLLIUM & COMPOUNDS (BE)		X			X			**1.850E-7**	
CADMIUM & COMPOUNDS (CD)		X			X			**6.860E-7**	
CARBON MONOXIDE (CO)								**7.0910**	
CARBON DIOXIDE (CO2)								**2208.0710**	
MERCURY & COMPOUNDS (HG)		X			X			**5.850E-7**	
MANGANESE & COMPOUNDS (MNC)		X			X			**2.680E-4**	
NICKEL & COMPOUNDS (NI)		X			X			**5.520E-6**	
NITROGEN DIOXIDE (NO2)							**A**	**11.2291**	**11.22907**
LEAD & COMPOUNDS (PB)		X			X			**8.030E-6**	
PM (LESS THAN 10 MICRONS) (PM10)							**B**	**12.5548**	
PM (LESS THAN 2.5 MICRONS) (PM2.5)								**0.0677**	
POLYCYCLIC ORGANIC MATTER (POM)	X		X	X				**0.0424**	
PARTICULATE MATTER (TOTAL) (PT)							**B**	**51.7728**	**51.77275**
SULFUR DIOXIDE (SO2)						X	**B**	**0.4194**	**.419378**
VOLATILE ORGANIC COMPOUNDS (VOC)							**B**	**24.5658**	**24.56575**

Permit: **1860-0077** County: **075-Orangeburg** EQC Region: **Aiken EQC** Year of Emissions: **2011**

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North American Industrial Classification:
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Facility Class: **A** Inventory Type
Potential/Actual: **P** HAPSingle/Combo:
No. Employees: **250**
Property Area: **16.3**

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)

Total VOC HAPs:	1.6541	Total Non VOC HAPs:	0.2253	Total HAPs:	1.8794

Emission Unit / Equipment	SCC	Annual Operating Rate	Units	Stack / Pollutant	Method Code	Emission Factor	Sulfur / Ash / Overall Control Efficiency	Emissions	Last Update	Updated By
001 WOOD MANUFACTURING										
001/1 SAW LINE 1	**30700804**		SCFM-Year Average Airflow Processed	**5 - FUGITIVE DEFAULT EP**					**02/06/2014**	**EFV**
				PT	**4**		PARTICULATE MATTER (TOTAL)	**18.0600**		
001/2 SAW LINE 2	**30700804**		SCFM-Year Average Airflow Processed	**5 - FUGITIVE DEFAULT EP**					**02/06/2014**	**EFV**
				PT	**4**		PARTICULATE MATTER (TOTAL)	**9.9800**		
002 HOG CHIPPERS										
003 AIR CURTAIN INCINERATOR										
003/1 AIR CURTAIN INCINERATOR	**50300106**	**2774**	Tons Wood Burned	**4 - NON-FUGITIVE DEFAULT EP**					**02/06/2014**	**J56**
				CO	**9**	**0.0**	CARBON MONOXIDE	**0.0000**		
				NO2	**9**	**4.0**	NITROGEN DIOXIDE	**5.5480**		
				PM10	**9**	**4.94**	PM (LESS THAN 10 MICRONS)	**6.8518**		
				PT	**9**	**13.0**	PARTICULATE MATTER (TOTAL)	**18.0310**		
				SO2	**9**	**0.1**	SULFUR DIOXIDE	**0.1387**		
				VOC	**9**	**0.0**	VOLATILE ORGANIC COMPOUNDS	**0.0000**		
004 BOILER										
004/1 WOOD WASTE BOILER	**10200908**	**22294.2**	mmBTUs wood/bark burned	**1 - BOILER**					**02/06/2014**	**J56**
				100027	**9**	**1.1e-07**	4-NITROPHENOL	**1.23e-6**		
				100414	**9**	**3.1e-05**	ETHYL BENZENE	**3.46e-4**		
				100425	**9**	**1.9e-03**	STYRENE	**0.0212**		
				107028	**9**	**4.0e-03**	ACROLEIN	**0.0446**		
				107062	**9**	**2.9e-05**	ETHYLENE DICHLORIDE	**3.23e-4**		
				108883	**9**	**9.2e-04**	TOLUENE	**0.0103**		
				108907	**9**	**3.3e-05**	CHLOROBENZENE	**3.68e-4**		
				108952	**9**	**5.1e-05**	PHENOL	**0.0006**		
				110009	**9**	**1.87e-09**	FURAN	**2.09e-8**		
				117817	**9**	**4.7e-08**	BIS(2-ETHYLHEXYL)PHTHALATE	**5.24e-7**		
				120127	**9**	**3.0e-06**	ANTHRACENE	**3.34e-5**		
				123386	**9**	**3.21e-05**	PROPIONALDEHYDE	**3.58e-4**		
				127184	**9**	**3.80E-5**	TETRACHLOROETHYLENE (PERCHL	**4.24e-4**		
				129000	**9**	**3.7e-06**	PYRENE	**4.12e-5**		
				1330207	**9**	**2.5e-05**	XYLENE (MIXED ISOMERS)	**2.79e-4**		
				16065831	**9**	**1.75E-5**	CHROMIUM (CR3)	**1.95e-4**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					1746016	9	8.6e-12	2,3,7,8-Tetrachlorodibenzo-p-Dioxin			9.6e-11		
					18540299	9	3.5e-06	CHROMIUM (CR6PT)			3.90e-5		
					191242	9	9.3e-08	BENZO(G,H,I)PERYLENE			1.04e-6		
					192972	9	2.6e-09	BENZO(E)PYRENE			2.90e-8		
					193395	9	8.7e-08	INDENO(1,2,3-CD)PYRENE			9.70e-7		
					205823	9	1.24e-07	BENZO(j)FLUORANTHENE			1.38e-6		
					205992	9	1.0e-07	BENZO(B)FLUORANTHENE			1.12e-6		
					206440	9	1.6e-06	FLUORANTHENE			1.78e-5		
					207089	9	3.6e-08	BENZO(K)FLUORANTHENE			4.01e-7		
					208968	9	5.0e-06	ACENAPHTHYLENE			5.57e-5		
					218019	9	3.8e-08	CHRYSENE			4.24e-7		
					4170303	9	9.9e-06	CROTONALDEHYDE [2-BUTENAL]			1.10e-4		
					50000	9	4.4e-03	FORMALDEHYDE			0.0490		
					50328	9	2.6e-06	BENZO(A)PYRENE			2.90e-5		
					51285	9	1.8e-07	2,4-DINITROPHENOL			2.01e-6		
					53703	9	9.1e-09	DIBENZO(A,H)ANTHRACENE			1.01e-7		
					56235	9	4.5E-05	CARBON TETRACHLORIDE			0.0005		
					56553	9	6.5e-08	BENZ(A)ANTHRACENE			7.25e-7		
					610	9	1.67e-06	Dioxins, Total, w/o Individ. Isomers Rep			1.86e-5		
					626	9	2.70E-10	DIOXINS/FURANS (AS TEQ UNITS)			3.01e-9		
					67663	9	2.8E-05	CHLOROFORM			3.12e-4		
					71432	9	4.2e-03	BENZENE			0.0468		
					71556	9	3.1e-05	1,1,1-TRICHLOROETHANE (METHYL			3.46e-4		
					74828	9	2.1e-02	METHANE			0.2341		
					74839	9	1.5e-05	METHYL BROMIDE			1.67e-4		
					74873	9	2.3e-05	METHYL CHLORIDE (CHLOROMETH			2.56e-4		
					75014	9	1.80E-5	VINYL CHLORIDE			2.006E-4		
					75070	9	8.3e-04	ACETALDEHYDE			0.0093		
					75092	9	2.9e-04	METHYLENE CHLORIDE (DICHLORO			0.0032		
					75694	9	4.1e-05	CFC-11 (FLUOROTRICHLOROMETH/			0.0005		
					7647010	9	1.9e-02	HYDROCHLORIC ACID			0.2118		
					7782505	9	7.9e-04	CHLORINE			0.0088		
					78875	9	3.3e-05	PROPYLENE DICHLORIDE			3.68e-4		
					78933	9	5.4e-06	METHYL ETHYL KETONE			6.02e-5		
					79016	9	3.0e-05	TRICHLOROETHYLENE (TRICHLORC			3.34e-4		
					79345	9	3.8e-05	1,1,2,2-TETRACHLOROETHANE			4.24e-4		
					83329	9	9.1e-07	ACENAPTHENE			1.01e-5		
					85018	9	7.0e-06	PHENANTHRENE			7.80e-5		
					86737	9	3.4e-06	FLUORENE			3.79e-5		
					87865	9	5.1e-08	PENTACHLOROPHENOL			5.69e-7		
					88062	9	2.2e-08	2,4,6-TRICHLOROPHENOL			2.45e-7		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						91203	**9**	**9.7e-05**	NAPHTHALENE			**0.0011**		
						91576	**9**	**1.6e-07**	2-METHYLNAPTHALENE			**1.78e-6**		
						91587	**9**	**2.4e-09**	2-CHLORONAPTHALENE			**2.68e-8**		
						98862	**9**	**3.2e-09**	ACETOPHENONE			**3.57e-8**		
						AS	**9**	**2.2e-05**	ARSENIC & COMPOUNDS		**98.500**	**3.68e-6**		
						BE	**9**	**1.1E-06**	BERYLLIUM & COMPOUNDS		**98.500**	**1.85e-7**		
						CD	**9**	**4.1e-06**	CADMIUM & COMPOUNDS		**98.500**	**6.86e-7**		
						CO	**9**	**0.6**	CARBON MONOXIDE			**6.6883**		
						CO2	**9**	**195**	CARBON DIOXIDE			**2173.6850**		
						HG	**9**	**3.5e-06**	MERCURY & COMPOUNDS		**98.500**	**5.85e-7**		
						MNC	**9**	**1.6e-03**	MANGANESE & COMPOUNDS		**98.500**	**2.68e-4**		
						NI	**9**	**3.3e-05**	NICKEL & COMPOUNDS		**98.500**	**5.52e-6**		
						NO2	**9**	**0.49**	NITROGEN DIOXIDE			**5.4621**		
						PB	**9**	**4.8e-05**	LEAD & COMPOUNDS		**98.500**	**8.03e-6**		
						PM10	**9**	**0.377**	PM (LESS THAN 10 MICRONS)		**98.500**	**0.0630**		
						PM2.5	**9**	**0.327**	PM (LESS THAN 2.5 MICRONS)		**98.500**	**0.0547**		
						POM	**9**	**3.80E-3**	POLYCYCLIC ORGANIC MATTER			**0.0424**		
						PT	**9**	**0.317**	PARTICULATE MATTER (TOTAL)		**98.500**	**0.0530**		
						SO2	**9**	**0.025**	SULFUR DIOXIDE			**0.2787**		
						VOC	**9**	**0.017**	VOLATILE ORGANIC COMPOUNDS			**0.1895**		
005	**KILN**													
005/1	**KILN 1**	**30700898**	**5023**	1000 Board Feet Material Processed	**5**	**- FUGITIVE DEFAULT EP**							**02/06/2014**	**J56**
						50000	**9**	**0.103**	FORMALDEHYDE			**0.2587**		
						67561	**9**	**0.16**	METHANOL			**0.4018**		
						VOC	**9**	**4.5**	VOLATILE ORGANIC COMPOUNDS			**11.3018**		
005/2	**KILN 2**	**30700898**	**5810**	1000 Board Feet Material Processed	**5**	**- FUGITIVE DEFAULT EP**							**02/06/2014**	**J56**
						50000	**9**	**0.103**	FORMALDEHYDE			**0.2992**		
						67561	**9**	**0.16**	METHANOL			**0.4648**		
						VOC	**9**	**4.5**	VOLATILE ORGANIC COMPOUNDS			**13.0725**		
IA1	**Insignificant Activities**													
IA1/1	**VENT FAN 1**	**30702099**		Tons Material Processed	**4**	**- NON-FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**1.0100**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**1.0100**		
IA1/2	**VENT FAN 2**	**30702099**		Tons Material Processed	**4**	**- NON-FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**

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Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**1.0100**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**1.0100**		
IA1 / 3	**SPACE HEATER 1**	**10500106**		Million Cubic Feet Natural Gas Burned	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						CO	**4**		CARBON MONOXIDE			**0.0100**		
						CO2	**4**		CARBON DIOXIDE			**0.0030**		
						NO2	**4**		NITROGEN DIOXIDE			**0.0130**		
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0010**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0010**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0038**		
						SO2	**4**		SULFUR DIOXIDE			**0.0010**		
						VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0010**		
IA1 / 4	**SPACE HEATER 2**	**10500106**		Million Cubic Feet Natural Gas Burned	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						CO	**4**		CARBON MONOXIDE			**0.0100**		
						CO2	**4**		CARBON DIOXIDE			**0.0030**		
						NO2	**4**		NITROGEN DIOXIDE			**0.0130**		
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0010**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0010**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0038**		
						SO2	**4**		SULFUR DIOXIDE			**0.0010**		
						VOC	**4**		VOLATILE ORGANIC COMPOUNDS			**0.0010**		
IA1 / 5	**SPACE HEATER 10**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						CO	**4**		CARBON MONOXIDE			**0.0020**		
						NO2	**4**		NITROGEN DIOXIDE			**0.0170**		
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0020**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0010**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0006**		
IA1 / 6	**SPACE HEATER 11**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						CO	**4**		CARBON MONOXIDE			**0.0020**		
						NO2	**4**		NITROGEN DIOXIDE			**0.0170**		
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0020**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0010**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0006**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
IA1 / 7	**SPACE HEATER 12**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**
					CO	**4**	CARBON MONOXIDE				**0.0020**		
					NO2	**4**	NITROGEN DIOXIDE				**0.0170**		
					PM10	**4**	PM (LESS THAN 10 MICRONS)				**0.0020**		
					PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)				**0.0010**		
					PT	**4**	PARTICULATE MATTER (TOTAL)				**0.0006**		
IA1 / 8	**SPACE HEATER 13**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**
					CO	**4**	CARBON MONOXIDE				**0.0020**		
					NO2	**4**	NITROGEN DIOXIDE				**0.0170**		
					PM10	**4**	PM (LESS THAN 10 MICRONS)				**0.0020**		
					PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)				**0.0010**		
					PT	**4**	PARTICULATE MATTER (TOTAL)				**0.0006**		
IA1 / 9	**SPACE HEATER 14**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**
					CO	**4**	CARBON MONOXIDE				**0.0040**		
					NO2	**4**	NITROGEN DIOXIDE				**0.0250**		
					PM10	**4**	PM (LESS THAN 10 MICRONS)				**0.0020**		
					PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)				**0.0010**		
					PT	**4**	PARTICULATE MATTER (TOTAL)				**0.0010**		
IA1 / 10	**SPACE HEATER 15**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**
					CO	**4**	CARBON MONOXIDE				**0.0040**		
					NO2	**4**	NITROGEN DIOXIDE				**0.0250**		
					PM10	**4**	PM (LESS THAN 10 MICRONS)				**0.0020**		
					PM2.5	**4**	PM (LESS THAN 2.5 MICRONS)				**0.0010**		
					PT	**4**	PARTICULATE MATTER (TOTAL)				**0.0010**		
IA1 / 11	**SPACE HEATER 24**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**							**02/06/2014**	**EFV**
					CO	**4**	CARBON MONOXIDE				**0.0040**		
					NO2	**4**	NITROGEN DIOXIDE				**0.0250**		
					PM10	**4**	PM (LESS THAN 10 MICRONS)				**0.0020**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack	Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0010**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0010**		
IA1 / 12	**SPACE HEATER 25**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						CO	**4**		CARBON MONOXIDE			**0.0040**		
						NO2	**4**		NITROGEN DIOXIDE			**0.0250**		
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0020**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0010**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0010**		
IA1 / 13	**SPACE HEATER 26**	**10500210**		1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						CO	**4**		CARBON MONOXIDE			**0.0040**		
						NO2	**4**		NITROGEN DIOXIDE			**0.0250**		
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**0.0020**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0010**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**0.0010**		
IA1 / 14	**DIESEL FUEL TANK**	**39090003**		1000 Gallon-Years Distillate Oil (No. 2)	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
IA1 / 15	**FEED HOPPER CYCLONE**	**30700822**		Tons Wood Processed	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						PM10	**4**		PM (LESS THAN 10 MICRONS)			**3.6000**		
						PT	**4**		PARTICULATE MATTER (TOTAL)			**3.6000**		
IA1 / 16	**PROPANE FORK LIFT**	**20201001**	**5.5**	1000 Gallons Liquified Petroleum Gas (LP	**4 - NON-FUGITIVE DEFAULT EP**								**02/06/2014**	**EFV**
						74828	**4**		METHANE			**0.0010**		
						CO	**9**	**129.0**	CARBON MONOXIDE			**0.3548**		
						CO2	**4**		CARBON DIOXIDE			**34.3800**		
						PM2.5	**4**		PM (LESS THAN 2.5 MICRONS)			**0.0020**		
						PT	**9**	**5.0**	PARTICULATE MATTER (TOTAL)			**0.0138**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emissions Inventory of CISWI Unit

Pickens County Solid Waste Department

SCDHEC

Detailed Emissions Inventory Report for **PICKENS COUNTY SOLID WASTE DEPARTMENT**

From EI Data Year 2013

Permit: **1880-0062** County: **077-Pickens** EQC Region: **Greenville EQC** Year of Emissions: **2011**

Plant Location:
COUNTY RD 274 & 106
LIBERTY, SC

Latitude: **34º49'36"**
Longitude: **82º39'53"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3849.381**
UTM Horizontal: **345.499**

Contacts
Emissions: **GERALD WILSON** **(864)859-3492**
Billing: **GERALD WILSON** **(864)859-3492**

Telephone Numbers

Principal Product: **WOOD WASTE INCINERATION**

Standard Industrial Classification:
4953 Refuse Systems

Mailing Address:
PICKENS COUNTY SOLID WASTE DEPART
2047 OLD LIBERTY RD
LIBERTY, SC 29657

Facility Class: **A** Inventory Type
Potential/Actual: **P** HAPSingle/Combo:

No. Employees: **10**
Property Area:

North American Industrial Classification:
562920 Materials recovery facilities (MRF)

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
ETHYL BENZENE (CAS:100414)	X		X	X				**3.2800**	
TOLUENE (CAS:108883)	X		X	X				**4.0400**	
ANTHRACENE (CAS:120127)	X		X	X				**2.40E-9**	
TETRACHLOROETHYLENE (PERCHLOROETHYLENE) (CAS:127184)		X			X			**0.5800**	**.02**
PYRENE (CAS:129000)	X		X	X				**6.130E-9**	
XYLENE (MIXED ISOMERS) (CAS:1330207)	X		X	X				**3.4000**	
FLUORANTHENE (CAS:206440)	X		X	X				**9.760E-9**	
CHRYSENE (CAS:218019)	X		X	X				**4.50E-10**	
FORMALDEHYDE (CAS:50000)	X		X	X		X		**1.510E-6**	
BENZ(A)ANTHRACENE (CAS:56553)	X		X	X				**2.150E-9**	
BENZENE (CAS:71432)	X		X	X				**0.2800**	
METHANE (CAS:74828)						X		**1.50E-4**	**.0001**
ETHYL CHLORIDE (CHLOROETHANE) (CAS:75003)	X		X	X		X		**0.4800**	
VINYL CHLORIDE (CAS:75014)	X		X	X		X		**1.5400**	
ACETALDEHYDE (CAS:75070)	X		X	X		X		**9.830E-7**	
METHYLENE CHLORIDE (DICHLOROMETHANE) (CAS:75092)		X			X			**0.2800**	**.01**
ETHYLIDENE DICHLORIDE (CAS:75343)		X			X			**0.2800**	**.01**
HYDROCHLORIC ACID (CAS:7647010)		X			X	X		**5.8800**	**.23**
PROPYLENE DICHLORIDE (CAS:78875)	X		X	X				**0.0086**	
TRICHLOROETHYLENE (TRICHLOROETHENE) (CAS:79016)	X		X	X				**0.3300**	

Permit: **1880-0062** County: **077-Pickens** EQC Region: **Greenville EQC** Year of Emissions: **2011**

Plant Location:
COUNTY RD 274 & 106
LIBERTY, SC

Latitude: **34º49'36"**
Longitude: **82º39'53"**
Lat/Long Source: **GISDOQQ**
UTM Zone: **17**
UTM Vertical: **3849.381**
UTM Horizontal: **345.499**

Contacts
Emissions: **GERALD WILSON** **(864)859-3492**
Billing: **GERALD WILSON** **(864)859-3492**

Telephone Numbers

Mailing Address:
PICKENS COUNTY SOLID WASTE DEPART
2047 OLD LIBERTY RD
LIBERTY, SC 29657

Principal Product: **WOOD WASTE INCINERATION**

Standard Industrial Classification:
4953 Refuse Systems

North American Industrial Classification:
562920 Materials recovery facilities (MRF)

Facility Class: **A** Inventory Type
Potential/Actual: **P** HAPSingle/Combo:

No. Employees: **10**
Property Area:

Plant Pollutant	VOC	Non VOC HAP	VOC HAP	VOC TAP	TAP	112r	Class	Detailed Emissions (Tons/Year)	**Billable Emissions** (Tons/Year)
PHENANTHRENE (CAS:85018)	**X**		**X**	**X**				**3.770E-8**	
FLUORENE (CAS:86737)	**X**		**X**	**X**				**3.740E-8**	
NAPHTHALENE (CAS:91203)	**X**		**X**	**X**				**1.090E-7**	
CARBON MONOXIDE (CO)								**1.0742**	
CARBON DIOXIDE (CO2)								**0.2102**	
NITROGEN DIOXIDE (NO2)							**A**	**10.6537**	**10.6537**
PM (LESS THAN 10 MICRONS) (PM10)							**A**	**13.0548**	
PM (LESS THAN 2.5 MICRONS) (PM2.5)								**3.970E-4**	
PARTICULATE MATTER (TOTAL) (PT)							**A**	**34.2889**	**34.2889**
SULFUR DIOXIDE (SO2)						**X**		**0.3038**	**.3038**
VOLATILE ORGANIC COMPOUNDS (VOC)								**13.3505**	**.5205**

Total VOC HAPs: 13.3586 Total Non VOC HAPs: 7.0200 Total HAPs: 20.3786

Emission Unit / Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
001 AIR CURTAIN INCINERATOR												
001/1 Wood Burning	**50100510**	**5269**	Tons Wood Burned	**2 - NON-FUGITIVE DEFAULT EP**							**02/06/2014**	**JRL**
				NO2	**9**	**4**	NITROGEN DIOXIDE			**10.5380**		
				PM10	**9**	**4.94**	PM (LESS THAN 10 MICRONS)			**13.0144**		
				PT	**9**	**13.0**	PARTICULATE MATTER (TOTAL)			**34.2485**		
				SO2	**9**	**0.1**	SULFUR DIOXIDE			**0.2635**		
001/2 DIESEL BLOWER EMISSIONS	**20200102**	**2.564**	MMBTU Distillate Oil (Diesel) Bur	**3 - FUGITIVE DEFAULT EP**				**0.500**			**02/06/2014**	**8D7**
				120127	**9**	**1.87e-06**	ANTHRACENE			**2.40e-9**		
				129000	**9**	**4.78e-06**	PYRENE			**6.13e-9**		
				206440	**9**	**7.61e-06**	FLUORANTHENE			**9.76e-9**		
				218019	**9**	**3.53e-07**	CHRYSENE			**4.5e-10**		
				50000	**9**	**1.18e-03**	FORMALDEHYDE			**1.51e-6**		
				56553	**9**	**1.68e-06**	BENZ(A)ANTHRACENE			**2.15e-9**		
				71432	**9**	**9.33e-04**	BENZENE			**1.20e-6**		
				75070	**9**	**7.67e-04**	ACETALDEHYDE			**9.83e-7**		
				85018	**9**	**2.94e-05**	PHENANTHRENE			**3.77e-8**		
				86737	**9**	**2.92e-05**	FLUORENE			**3.74e-8**		
				91203	**9**	**8.48e-05**	NAPHTHALENE			**1.09e-7**		
				CO	**9**	**0.95**	CARBON MONOXIDE			**0.0012**		
				CO2	**9**	**164**	CARBON DIOXIDE			**0.2102**		
				NO2	**9**	**4.41**	NITROGEN DIOXIDE			**0.0057**		
				PM10	**9**	**0.31**	PM (LESS THAN 10 MICRONS)			**3.97e-4**		
				PM2.5	**9**	**0.31**	PM (LESS THAN 2.5 MICRONS)			**3.97e-4**		
				PT	**9**	**0.31**	PARTICULATE MATTER (TOTAL)			**3.97e-4**		
				SO2	**9**	**0.29**	SULFUR DIOXIDE			**3.72e-4**		
				VOC	**9**	**0.36**	VOLATILE ORGANIC COMPOUNDS			**0.0005**		
002 Landfill Gas Control Syst												
002/1 Landfill Gas fugitives	**50100402**		Acre-Years Landfill Existing	**3 - FUGITIVE DEFAULT EP**							**02/06/2014**	**8D7**
				100414	**3**		ETHYL BENZENE			**3.1500**		
				108883	**3**		TOLUENE			**3.8800**		
				127184	**3**		TETRACHLOROETHYLENE (PERCHL			**0.5600**		
				1330207	**3**		XYLENE (MIXED ISOMERS)			**3.2700**		
				71432	**3**		BENZENE			**0.2700**		
				74828	**3**		METHANE			**3.0e-5**		
				75003	**3**		ETHYL CHLORIDE (CHLOROETHANE			**0.4600**		
				75014	**3**		VINYL CHLORIDE			**1.4800**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emission Unit	Equipment	SCC	Annual Operating Rate	Units	Stack Pollutant	Method Code	Emission Factor	Sulfur	Ash	Overall Control Efficiency	Emissions	Last Update	Updated By
					75092	**3**		METHYLENE CHLORIDE (DICHLORO			**0.2700**		
					75343	**3**		ETHYLIDENE DICHLORIDE			**0.2700**		
					7647010	**3**		HYDROCHLORIC ACID			**5.6500**		
					79016	**3**		TRICHLOROETHYLENE (TRICHLORC			**0.3200**		
					CO	**3**		CARBON MONOXIDE			**0.0030**		
					VOC	**3**		VOLATILE ORGANIC COMPOUNDS			**12.8300**		
002 / 2	**Landfill Gas Flare**	**50100410**	**17.199**	Million Cubic Feet Waste Gas Burned	**3 - FUGITIVE DEFAULT EP**							**02/06/2014**	**8D7**
					100414	**3**		ETHYL BENZENE			**0.1300**		
					108883	**3**		TOLUENE			**0.1600**		
					127184	**3**		TETRACHLOROETHYLENE (PERCHL			**0.0200**		
					1330207	**3**		XYLENE (MIXED ISOMERS)			**0.1300**		
					71432	**3**		BENZENE			**0.0100**		
					74828	**3**		METHANE			**1.2e-4**		
					75003	**3**		ETHYL CHLORIDE (CHLOROETHANE			**0.0200**		
					75014	**3**		VINYL CHLORIDE			**0.0600**		
					75092	**3**		METHYLENE CHLORIDE (DICHLORO			**0.0100**		
					75343	**3**		ETHYLIDENE DICHLORIDE			**0.0100**		
					7647010	**3**		HYDROCHLORIC ACID			**0.2300**		
					78875	**9**	**1**	PROPYLENE DICHLORIDE			**0.0086**		
					79016	**3**		TRICHLOROETHYLENE (TRICHLORC			**0.0100**		
					CO	**3**		CARBON MONOXIDE			**1.0700**		
					NO2	**3**		NITROGEN DIOXIDE			**0.1100**		
					PM10	**3**		PM (LESS THAN 10 MICRONS)			**0.0400**		
					PT	**3**		PARTICULATE MATTER (TOTAL)			**0.0400**		
					SO2	**3**		SULFUR DIOXIDE			**0.0400**		
					VOC	**3**		VOLATILE ORGANIC COMPOUNDS			**0.5200**		

Note: Method Codes are: 1) Source Test; 2) EFIS Equation/Material Balance; 3) Manually Calculated/AP-42 EF; 4) Engineering Judgement; 6) New Construction; 7) Source Closed; 9) EFIS Calculated/Local EF; M) Monitor (CEM)

Emissions Inventory of CISWI Unit

Tri-County Pallet Company

Currently a Minor Source
No Inventory Required

Emissions Inventory of CISWI Unit

Ulmer Brothers, Inc.

Conditional Major Source
No Recent Inventory Information Available

Attachment 4

Transcript from November 24, 2014, Public Hearing

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Public Hearing
South Carolina 111(d)/129 Plan for Commercial and Industrial Solid Waste Incineration (CISWI) Units

November 24, 2014, 10:00 am
Wallace Room; Sims/Aycock Building,
2600 Bull Street; Columbia, SC

Good morning, my name is Marie Brown with the Bureau of Air Quality. I will be the facilitator for this public hearing. Let the record show that this forum was convened at 10:05 a.m. on Monday, November 24, 2014, at the duly announced location. Public notice of this hearing was published in the *State Register* on Friday, October 24, 2014. Unless I hear an objection, a copy of this notice will be entered into public record as though it were read. *Are there any objections?*

Let the record reflect that the public hearing today is being conducted by the South Carolina Department of Health and Environmental Control, which will be referred to as "the Department." The purpose of this hearing is to answer questions, clarify issues, and receive input from interested persons on a proposed South Carolina 111(d)/129 Plan for Commercial and Industrial Solid Waste Incineration (CISWI) Units. Comments received today shall be considered by the Department in preparing a final draft CISWI Plan.

The Department is recording today's hearing for the record. If you wish to speak, please come forward to the podium, and begin by stating your name and affiliation for the record. The Department welcomes your input and assistance in perfecting the proposed CISWI Plan.

If anyone has written comments, please submit them to me for the record.

I will present a brief summary and explanation of the proposed plan. Following the presentation, any member of the audience desiring to make comments will be given an opportunity to do so. Speakers will be recognized in the order in which they are registered.

If there are any questions after the presentation, please direct them to me and I will either answer them or ask that the appropriate person respond. If no one is able to answer the question today, an answer will be provided in writing at a later date.

The South Carolina Department of Health and Environmental Control proposes to revise the South Carolina Designated Facility Plan (111(d)/129) for Commercial and Industrial Solid Waste Incineration Units, (also referred to as CISWI). The proposed revision is necessary in order to meet Federal Clean Air Act requirements promulgated by the U.S. Environmental Protection Agency, referred to as the "EPA."

New Source Performance Standards (NSPS) for new CISWI units and Emission Guidelines for existing CISWI units were promulgated by the United States Environmental Protection Agency (EPA) and codified in 40 CFR Part 60 Subparts CCCC and DDDD, respectively, on February 7, 2013 (78 FR 9112). The Clean Air Act (CAA) requires that state regulatory agencies implement the NSPS and Emission Guidelines for new and existing sources according to a state plan developed under Sections 111(d) and 129 of the CAA, and that they submit the state plan to the EPA for approval.

The CISWI Rule requires that states submit their plan for EPA approval by February 7, 2014, one (1) year after rule promulgation. The Department realizing that the process to place Subpart DDDD into regulation would not be completed by February 7, 2014, discussed the issue with the EPA. EPA staff were informed in writing on February 10, 2014, of the Department's plan and schedule to eventually submit a 111/129 Plan for CISWI.

The Department began the process of developing the required 111/129 plan in February 2014, and as part of that process, emission guidelines at 40 CFR Part 60 Subpart DDDD needed to be placed into regulation. Emission guidelines at 40 CFR Part 60 are formally adopted into State regulations as part of an annual procedure referred to as the End-of-Year (EOY) revisions. These EOY revisions incorporate by reference federal amendments published from January 1 through December 31 for the preceding calendar year, in this case 2013.

South Carolina Regulation 61-62.60, *South Carolina Designated Facility Plan and New Source Performance Standards*, was amended to incorporate 40 CFR Part 60 Subparts CCCC and DDDD by reference. We incorporated by reference the emission guidelines in 40 CFR Part 60 Subpart DDDD as part of our 2013 EOY revisions.

In accordance with Section 129 of the CAA, each state in which an existing CISWI unit is operating is required to submit to the EPA a plan to implement and enforce the emission guidelines within one year from the date of promulgation. This plan consists of applicable compliance and enforcement regulations, a list of affected sources, and emissions inventories for these sources. The Department is proposing to certify that it has addressed the requirements of Sections 111 and 129 and regulations under 40 CFR Part 60 for CISWI units with the submittal of this plan.

The South Carolina Designated Facility Plan for CISWI Units establishes emission limits and other requirements for CISWI units, and implements and provides for enforcement of the various Emission Guidelines promulgated by the EPA in accordance with the requirements of Sections 111(d) and 129 of the CAA and regulations under 40 CFR Part 60.

At this point I will recognize anyone who wishes to comment on the proposed plan.

If yes… Please come forward to the podium and state your name and affiliation clearly for the record. I would like to remind you that any comments received will be entered into the official transcript of the public hearing and submitted to the EPA for review and approval. Additionally, comments deemed significant by the Department may be used to modify the plan as necessary.

Thank you. Is there anyone else present who wishes to comment on the proposed amendments to the plan? (*Repeat as necessary.)*

Are there any more comments for the record?

There being no further comments, this forum is adjourned. Thank you for your attendance and participation here today.

(Thereupon, at **10:15** on the same day, the forum was concluded.)

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Public Hearing
South Carolina 111(d)/129 Plan for Commercial and Industrial Solid Waste Incineration (CISWI) Units
November 24, 2014, 10:00 am Wallace Room
Sims/Aycock Building, 2600 Bull Street
Columbia, SC

Synopsis: The Department will make a declaration of its intent to satisfy the requirements of Sections 111(d) and 129 of Clean Air Act, which addresses CISWI units.

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Attachment 5

State Register Notice of Final Regulation, 2013 EOY
September 26, 2014

Document No. 4465
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
CHAPTER 61
Statutory Authority: 1976 Code Sections 48-1-10 et seq.

61-62. Air Pollution Control Regulations and Standards

Synopsis:

The United States Environmental Protection Agency ("EPA") promulgates amendments to 40 C.F.R. Parts 50, 51, 52, 60, and 63 throughout each calendar year. Recent federal amendments include clarification, guidance, and technical amendments regarding New Source Performance Standards ("NSPS") and National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories.

The Department has amended Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, to incorporate the EPA's revision to the National Ambient Air Quality Standards for Fine Particulate Matter ("$PM_{2.5}$"), Sulfur Dioxide ("SO_2"), and Nitrogen Dioxide ("NO_2") set forth in 40 C.F.R. Part 50. Additionally, the Department amended Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards, and Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories, to incorporate by reference recent federal amendments promulgated from January 1, 2013 through December 31, 2013.

The Department also made other changes to Regulation 61-62 that includes corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary.

In accordance with 1976 Code Section 1-23-120(H), legislative review is not required because these amendments were promulgated to maintain compliance with federal law. As such, neither a preliminary assessment report nor a preliminary fiscal impact statement is required.

A Notice of Drafting for these amendments was published in the *State Register* on March 28, 2014.

Discussion of Revisions:

SECTION CITATION/EXPLANATION OF CHANGE:

Regulation 61-62.5, Air Pollution Control Standards, Standard No. 2, Ambient Air Quality Standards

Regulation 61-62.5, Air Pollution Control Standards, Standard No. 2, Ambient Air Quality Standards:
Table is revised to make the information found therein more consistent with information found on the EPA's National Ambient Air Quality Standards table which can be found at http://www.epa.gov/air/criteria.html. This includes: revising the primary annual $PM_{2.5}$ standard from 15.0 mg/m^3 to 12.0 $\mu g/m^3$ and retaining the level of the 24-hour $PM_{2.5}$ standard at 35 $\mu g/m^3$; including a new 1-hour SO_2 standard at a level of 75 parts per billion and revoking both the existing 24-hour and annual primary SO_2 standards; and including a new 1-hour NO_2 standard at a level of 100 parts per billion. 40 C.F.R. Parts 50, 51, 52, 53, and 58. (See as reference: January 15, 2013 (78 FR 3086); June 22, 2010 (75 FR 35520); and February 9, 2010 (75 FR 6474)).

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart A, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Da, Table, is amended to incorporate federal revisions at 78 FR 24073, April 24, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Ec, Table, is amended to incorporate federal revisions at 78 FR 28052, May 13, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart Ja, Table, is amended to incorporate federal revisions at 78 FR 76753, December 19, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart F, Table, is amended to incorporate federal revisions at 78 FR 10006, February 12, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart CCCC, Table, is amended to incorporate federal revisions at 76 FR 28662, May 18, 2011; and 78 FR 9112, February 7, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart DDDD, Table, is amended to incorporate federal revisions at 76 FR 28662, May 18, 2011; and 78 FR 9112, February 7, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart IIII, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart JJJJ, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013, by reference.

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards: Subpart OOOO, Table, is amended to incorporate federal revisions at 78 FR 58416, September 23, 2013, by reference.

Regulation, 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart A, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013; 78 FR 7138, January 31, 2013; 78 FR 7488, February 1, 2013; and 78 FR 37133, June 20, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart F, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart G, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart H, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart I, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart M, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart N, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 77 FR 58220, September 19, 2012, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart O, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 71 FR 17712, April 7, 2006, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart R, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart S, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart T, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 64 FR 45187, August 19, 1999, and 64 FR 69637, December 14, 1999, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart X, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 70 FR 75320, December 19, 2005, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart Y, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart CC, Table, is amended to incorporate federal revisions at 78 FR 37133, June 20, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart DD, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart GG, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart II, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJ, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart KK, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart LL, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart SS, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart TT, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart UU, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart WW, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart YY, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEE, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart GGG, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJJ, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart LLL, Table, is amended to change Federal Register Notice page numbers to correct typographical errors. Table is amended to incorporate federal revisions at 78 FR 10006, February 12, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart MMM, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart NNN, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart PPP, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart RRR, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart HHHH, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart ZZZZ, Table, is amended to incorporate federal revisions at 78 FR 6674, January 30, 2013; and 78 FR 14457, March 6, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEEEE, Table, is amended to change Federal Register Notice page numbers to correct typographical errors.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart PPPPP, Table is amended to incorporate federal revisions at 68 FR 51830, August 28, 2003, by reference.

Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart UUUUU, Table, is amended to change Federal Register Notice page numbers to correct typographical errors and to incorporate federal revisions at 77 FR 45967, August 2, 2012; and 78 FR 24073, April 24, 2013, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart YYYYY, Table is amended to incorporate federal revisions at 73 FR 72727, December 1, 2008, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart EEEEEE, Table is amended to incorporate federal revisions at 72 FR 36363, July 3, 2007, by reference.

Regulation 61-62.63, National Emission Standards For Hazardous Air Pollutants (NESHAP) for Source Categories: Subpart JJJJJJ, Table is established to incorporate federal revisions at 69 FR 55217, September 13, 2004, 70 FR 76918, December 28, 2005, 71 FR 70651, December 6, 2006, 76 FR 15554, March 21, 2011, 76 FR 15608, March 21, 2011, 76 FR 28662, May 18, 2011, 78 FR 7138, January 31, 2013, and 78 FR 7488, February 1, 2013, by reference.

Instructions:

Amend Regulation 61-62, Air Pollution Control Regulations and Standards, pursuant to each instruction provided below with the text of the amendments.

Text:

Regulation 61-62.5, Air Pollution Control Standards, Standard No. 2, Ambient Air Quality Standards

Regulation 61-62.5, Standard No. 2, shall be revised as follows:

The following table, unless otherwise noted, constitutes the primary and secondary ambient air quality standards for the State of South Carolina. The computations for determining if the applicable standard is met, along with the analytical methods to be used, will be those applicable Federal Reference Methods and Interpretations published in the Appendices to 40 Code of Federal Regulations (CFR) 50, or those methods designated as Federal Equivalent Methods (FEM) in accordance with 40 CFR 53. In the case of Gaseous Fluorides, either the double paper tape sampler method (ASTM D-3266-91 or later), the sodium bicarbonate-coated glass tube and particulate filter method (ASTM D-3268-91 or later), or an approved method may be used.

Pollutant	**Reference**	**Measuring Interval**	**Standard Level**			
			mg/m^3	**$\mu g/m^3$**	**ppm**	**ppb**
Sulfur Dioxide	40 CFR 50.4 40 CFR 50.5	3 hour (secondary)	-	1300	0.5	-
	40 CFR 50.17	1 hour (primary)				75
PM_{10}	40 CFR 50.6	24 hour	-	150	-	-
$PM_{2.5}$	40 CFR 50.13	24 hour (primary)	-	35	-	-
	40 CFR 50.18	Annual (primary)	-	12	-	-
		24 hour (secondary)	-	35	-	-
		Annual (secondary)	-	15	-	-
Carbon Monoxide	40 CFR 50.8	1 hour (no secondary)	40	-	35	-
		8 hour (no secondary)	10	-	9	-
Ozone	40 CFR 50.10	8 hour (1997)	-	-	0.08	-
	40 CFR 50.15	8 hour (2008)	-	-	0.075	-
Gaseous Fluorides (as HF)	State Regulation (1978)	12 hour	-	3.7	-	-
		24 hour	-	2.9	-	-
		1 week	-	1.6	-	-
		1 month	-	0.8	-	-
Nitrogen Dioxide	40 CFR 50.11	Annual	-	100	0.053	53
		1-hour				100

Pollutant	Reference	Measuring Interval	Standard Level			
			mg/m^3	$\mu g/m^3$	ppm	ppb
Lead	40 CFR 50.16	Rolling 3-month Average	-	0.15	-	-

Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards

Regulation 61-62.60, Subpart A, shall be revised as follows:

Subpart A - "General Provisions"

The provisions of 40 Code of Federal Regulations (CFR) Part 60 Subpart A, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 38	October 15, 1973	[38 FR 28565]
Revision	Vol. 39	March 8, 1974	[39 FR 9314]
Revision	Vol. 39	November 12, 1974	[39 FR 39873]
Revision	Vol. 40	April 25, 1975	[40 FR 18169]
Revision	Vol. 40	October 6, 1975	[40 FR 46254]
Revision	Vol. 40	November 17, 1975	[40 FR 53346]
Revision	Vol. 40	December 16, 1975	[40 FR 58418]
Revision	Vol. 40	December 22, 1975	[40 FR 59205]
Revision	Vol. 41	August 20, 1976	[41 FR 35185]
Revision	Vol. 42	July 19, 1977	[42 FR 37000]
Revision	Vol. 42	July 27, 1977	[42 FR 38178]
Revision	Vol. 42	November 1, 1977	[42 FR 57126]
Revision	Vol. 43	March 3, 1978	[43 FR 8800]
Revision	Vol. 43	August 3, 1978	[43 FR 34347]
Revision	Vol. 44	June 11, 1979	[44 FR 33612]
Revision	Vol. 44	September 25, 1979	[44 FR 55173]
Revision	Vol. 45	January 23, 1980	[45 FR 5617]
Revision	Vol. 45	April 4, 1980	[45 FR 23379]
Revision	Vol. 45	December 24, 1980	[45 FR 85415]
Revision	Vol. 47	January 8, 1982	[47 FR 951]
Revision	Vol. 47	July 23, 1982	[47 FR 31876]
Revision	Vol. 48	March 30, 1983	[48 FR 13326]
Revision	Vol. 48	May 25, 1983	[48 FR 23610]
Revision	Vol. 48	July 20, 1983	[48 FR 32986]
Revision	Vol. 48	October 18, 1983	[48 FR 48335]
Revision	Vol. 50	December 27, 1985	[50 FR 53113]
Revision	Vol. 51	January 15, 1986	[51 FR 1790]
Revision	Vol. 51	January 21, 1986	[51 FR 2701]

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 51	November 25, 1986	[51 FR 42796]
Revision	Vol. 52	March 26, 1987	[52 FR 9781, 9782]
Revision	Vol. 52	April 8, 1987	[52 FR 11428]
Revision	Vol. 52	May 11, 1987	[52 FR 17555]
Revision	Vol. 52	June 4, 1987	[52 FR 21007]
Revision	Vol. 54	February 14, 1989	[54 FR 6662]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	December 13, 1990	[55 FR 51382]
Revision	Vol. 57	July 21, 1992	[57 FR 32338, 32339]
Revision	Vol. 59	March 16, 1994	[59 FR 12427, 12428]
Revision	Vol. 59	September 15, 1994	[59 FR 47265]
Revision	Vol. 61	March 12, 1996	[61 FR 9919]
Revision	Vol. 62	February 24, 1997	[62 FR 8328]
Revision	Vol. 62	September 15, 1997	[62 FR 48348]
Revision	Vol. 63	May 4, 1998	[63 FR 24444]
Revision	Vol. 64	February 12, 1999	[64 FR 7463]
Revision	Vol. 65	August 10, 2000	[65 FR 48914]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 6, 2000	[65 FR 76350, 76378]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	February 6, 2001	[66 FR 9034]
Revision	Vol. 67	June 28, 2002	[67 FR 43550]
Revision	Vol. 68	April 14, 2003	[68 FR 17990]
Revision	Vol. 68	May 28, 2003	[68 FR 31611]
Revision	Vol. 69	July 8, 2004	[69 FR 41346]
Revision	Vol. 70	December 16, 2005	[70 FR 74870]
Revision	Vol. 71	June 1, 2006	[71 FR 31100]
Revision	Vol. 71	July 6, 2006	[71 FR 38482]
Revision	Vol. 72	May 16, 2007	[72 FR 27437]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	April 3, 2008	[73 FR 18162]
Revision	Vol. 73	May 6, 2008	[73 FR 24870]
Revision	Vol. 73	May 27, 2008	[73 FR 30308]
Revision	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 74	October 8, 2009	[74 FR 51950]
Revision	Vol. 74	December 17, 2009	[74 FR 66921]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 75	September 13, 2010	[75 FR 55636]
Revision	Vol. 76	January 18, 2011	[76 FR 2832]
Revision	Vol. 76	March 21, 2011	[76 FR 15372]
Revision	Vol. 76	March 21, 2011	[76 FR 15704]

40 CFR Part 60 Subpart A			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	August 14, 2012	[77 FR 48433]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Regulation 61-62.60, Subpart Da, shall be revised as follows:

Subpart Da – "Standards of Performance for Electric Utility Steam Generating Units for Which Construction Is Commenced After September 18, 1978"

The provisions of 40 CFR Part 60 Subpart Da, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Da			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 44	June 11, 1979	[44 FR 33613]
Revision	Vol. 48	January 27, 1983	[48 FR 3737]
Revision	Vol. 54	February 14, 1989	[54 FR 6663]
Revision	Vol. 54	May 17, 1989	[54 FR 21344]
Revision	Vol. 55	February 14, 1990	[55 FR 5212]
Revision	Vol. 55	May 7, 1990	[55 FR 18876]
Revision	Vol. 63	September 16, 1998	[63 FR 49453, 49454]
Revision	Vol. 64	February 12, 1999	[64 FR 7464]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 66	April 10, 2001	[66 FR 18546]
Revision	Vol. 66	June 11, 2001	[66 FR 31177]
Revision	Vol. 66	August 14, 2001	[66 FR 42608]
Revision	Vol. 71	February 27, 2006	[71 FR 9866]
Revision	Vol. 72	June 13, 2007	[72 FR 32710]
Revision	Vol. 74	January 28, 2009	[74 FR 5072]
Revision	Vol. 76	January 20, 2011	[76 FR 3517]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 19, 2012	[77 FR 23399]
Revision	Vol.78	April 24, 2013	[78 FR 24073]

Regulation 61-62.60, Subpart Ec, shall be revised as follows:

Subpart Ec - "Standards of Performance for Hospital/Medical/Infectious Waste Incinerators for Which Construction Is Commenced After June 20, 1996"

The provisions of 40 CFR Part 60 Subpart Ec, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ec			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	September 15, 1997	[62 FR 48382]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	October 30, 2003	[68 FR 61759]
Revision	Vol. 74	October 6, 2009	[74 FR 51368]
Revision	Vol. 76	April 4, 2011	[76 FR 18407]
Revision	Vol. 78	May 13, 2013	[78 FR 28052]

Regulation 61-62.60, Subpart Ja, shall be revised as follows:

Subpart Ja – "Standards of Performance for Petroleum Refineries for Which Construction, Reconstruction, or Modification Commenced After May 14, 2007"

The provisions of 40 CFR Part 60 Subpart Ja, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart Ja			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	June 24, 2008	[73 FR 35838]
Revision	Vol. 73	July 28, 2008	[73 FR 43626]
Revision	Vol. 73	September 26, 2008	[73 FR 55751]
Revision	Vol. 73	December 22, 2008	[73 FR 78546]
Revision	Vol. 73	December 22, 2008	[73 FR 78549]
Revision	Vol. 77	September 12, 2012	[77 FR 56422]
Revision	Vol. 78	December 19, 2013	[78 FR 76753]

Regulation 61-62.60, Subpart F, shall be revised as follows:

Subpart F - "Standards of Performance for Portland Cement Plants"

The provisions of 40 CFR Part 60 Subpart F, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 36	December 23, 1971	[36 FR 24877]
Revision	Vol. 39	June 14, 1974	[39 FR 20793]
Revision	Vol. 39	November 12, 1974	[39 FR 39874]
Revision	Vol. 40	October 6, 1975	[40 FR 46258]
Revision	Vol. 42	July 25, 1977	[42 FR 37936]
Revision	Vol. 53	December 14, 1988	[53 FR 50363]
Revision	Vol. 54	February 14, 1989	[54 FR 6666]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 78	February 12, 2013	[78 FR 10006]

Regulation 61-62.60, Subpart CCCC, shall be revised as follows:

Subpart CCCC – "Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Is Commenced After November 30, 1999, or for Which Modification or Reconstruction Is Commenced on or After June 1, 2001"

The provisions of 40 CFR Part 60 Subpart CCCC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart CCCC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 1, 2000	[65 FR 75338]
Revision	Vol. 66	March 27, 2001	[66 FR 16605]
Revision	Vol. 70	September 22, 2005	[70 FR 55568]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	February 7, 2013	[78 FR 9112]

Regulation 61-62.60, Subpart DDDD, shall be revised as follows:

Subpart DDDD - "Emission Guidelines and Compliance Times for Commercial and Industrial Solid Waste Incineration Units that Commenced Construction on or Before November 30, 1999"

The provisions of 40 CFR Part 60 Subpart DDDD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart DDDD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	December 1, 2000	[65 FR 75338]
Revision	Vol. 70	September 22, 2005	[70 FR 55568]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	February 7, 2013	[78 FR 9112]

Regulation 61-62.60, Subpart IIII, shall be revised as follows:

Subpart IIII- "Standards of Performance for Stationary Compression Ignition Internal Combustion Engines"

The provisions of 40 CFR Part 60 Subpart IIII, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart IIII			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 71	July 11, 2006	[71 FR 39154]
Revision	Vol. 76	June 28, 2011	[76 FR 37954]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Regulation 61-62.60, Subpart JJJJ, shall be revised as follows:

Subpart JJJJ – "Standards of Performance for Stationary Spark Ignition Internal Combustion Engines"

The provisions of 40 CFR Part 60 Subpart JJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart JJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	October 8, 2008	[73 FR 59034]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]

Regulation 61-62.60, Subpart OOOO, shall be revised as follows:

Subpart OOOO - "Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution"

The provisions of 40 CFR Part 60, Subpart OOOO, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 60 Subpart OOOO			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	August 16, 2012	[77 FR 49490]
Revision	Vol. 78	September 23, 2013	[78 FR 58416]

Regulation 61-62.63 - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories

Subpart A - "General Provisions"

Regulation 61-62.63, Subpart A, shall be revised as follows:

The provisions of Title 40 CFR Part 63, Subpart A, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart A			
Federal Register Citation	Volume	Date	Notice
Original Promulgation	Vol. 59	March 16, 1994	[59 FR 12430]
Revision	Vol. 59	April 22, 1994	[59 FR 19453]
Revision	Vol. 59	December 6, 1994	[59 FR 62589]
Revision	Vol. 60	January 25, 1995	[60 FR 4963]
Revision	Vol. 60	June 27, 1995	[60 FR 33122]
Revision	Vol. 60	September 1, 1995	[60 FR 45980]
Revision	Vol. 61	May 21, 1996	[61 FR 25399]
Revision	Vol. 61	December 17, 1996	[61 FR 66227]
Revision	Vol. 62	December 10, 1997	[62 FR 65024]
Revision	Vol. 63	May 4, 1998	[63 FR 24444]

40 CFR Part 63 Subpart A			
Federal Register Citation	Volume	Date	Notice
Revision	Vol. 63	May 13, 1998	[63 FR 26465]
Revision	Vol. 63	September 21, 1998	[63 FR 50326]
Revision	Vol. 63	October 7, 1998	[63 FR 53996]
Revision	Vol. 63	December 1, 1998	[63 FR 66061]
Revision	Vol. 64	January 28, 1999	[64 FR 4300]
Revision	Vol. 64	February 12, 1999	[64 FR 7468]
Revision	Vol. 64	April 12, 1999	[64 FR 17562]
Revision	Vol. 64	June 10, 1999	[64 FR 31375]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 67	February 14, 2002	[67 FR 6968]
Revision	Vol. 67	February 27, 2002	[67 FR 9156]
Revision	Vol. 67	April 5, 2002	[67 FR 16582]
Revision	Vol. 67	June 10, 2002	[67 FR 39794]
Revision	Vol. 67	July 23, 2002	[67 FR 48254]
Revision	Vol. 68	February 18, 2003	[68 FR 7706]
Revision	Vol. 68	April 21, 2003	[68 FR 19375]
Revision	Vol. 68	May 6, 2003	[68 FR 23898]
Revision	Vol. 68	May 8, 2003	[68 FR 24653]
Revision	Vol. 68	May 20, 2003	[68 FR 27646]
Revision	Vol. 68	May 23, 2003	[68 FR 28606]
Revision	Vol. 68	May 27, 2003	[68 FR 28774]
Revision	Vol. 68	May 28, 2003	[68 FR 31746]
Revision	Vol. 68	May 29, 2003	[68 FR 32172]
Revision	Vol. 68	May 30, 2003	[68 FR 32586]
Revision	Vol. 68	November 13, 2003	[68 FR 64432]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]
Revision	Vol. 69	January 2, 2004	[69 FR 130]
Revision	Vol. 69	February 3, 2004	[69 FR 5038]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 69	April 19, 2004	[69 FR 20968]
Revision	Vol. 69	April 22, 2004	[69 FR 21737]
Revision	Vol. 69	April 26, 2004	[69 FR 22602]
Revision	Vol. 69	June 15, 2004	[69 FR 33474]
Revision	Vol. 69	July 30, 2004	[69 FR 45944]
Revision	Vol. 69	September 13, 2004	[69 FR 55218]
Revision	Vol. 70	April 15, 2005	[70 FR 19992]
Revision	Vol. 70	May 20, 2005	[70 FR 29400]
Revision	Vol. 70	October 12, 2005	[70 FR 59402]
Revision	Vol. 71	February 16, 2006	[71 FR 8342]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	July 28, 2006	[71 FR 42898]
Revision	Vol. 71	December 6, 2006	[71 FR 70651]
Revision	Vol. 72	January 3, 2007	[72 FR 26]
Revision	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 16, 2007	[72 FR 38864]
Revision	Vol. 72	October 29, 2007	[72 FR 61060]
Revision	Vol. 72	November 16, 2007	[72 FR 64860]
Revision	Vol. 72	December 26, 2007	[72 FR 73180]
Revision	Vol. 72	December 28, 2007	[72 FR 74088]

40 CFR Part 63 Subpart A			
Federal Register Citation	Volume	Date	Notice
Revision	Vol. 73	January 2, 2008	[73 FR 226]
Revision	Vol. 73	January 9, 2008	[73 FR 1738]
Revision	Vol. 73	January 10, 2008	[73 FR 1916]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 73	February 7, 2008	[73 FR 7210]
Revision	Vol. 73	March 7, 2008	[73 FR 12275]
Revision	Vol. 73	July 23, 2008	[73 FR 42978]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 74	June 25, 2009	[74 FR 30366]
Revision	Vol. 74	October 28, 2009	[74 FR 55670]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 75	September 13, 2010	[75 FR 55636]
Revision	Vol. 76	February 17, 2011	[76 FR 9450]
Revision	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 17, 2012	[77 FR 22848]
Revision	Vol. 77	September 11, 2012	[77 FR 55698]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]
Revision	Vol. 78	January 31, 2013	[78 FR 7138]
Revision	Vol. 78	February 1, 2013	[78 FR 7488]
Revision	Vol. 78	June 20, 2013	[78 FR 37133]

Regulation 61-62.63, Subpart F, shall be revised as follows:

Subpart F - "National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry"

The provisions of 40 CFR Part 63 Subpart F, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 1902]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 59	October 28, 1994	[59 FR 54131]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 61	December 5, 1996	[61 FR 64572]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 63	May 12, 1998	[63 FR 26078]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]

40 CFR Part 63 Subpart F			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 21, 2006	[71 FR 76603]

Regulation 61-62.63, Subpart G, shall be revised as follows:

Subpart G - "National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater"

The provisions of 40 CFR Part 63 Subpart G, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart G			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	June 6, 1994	[59 FR 29196]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	December 5, 1996	[61 FR 64572]
Revision	Vol. 62	January 17, 1997	[62 FR 27422]
Revision	Vol. 63	December 9, 1998	[63 FR 67787]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	December 23, 2004	[69 FR 76859]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	December 21, 2006	[71 FR 76603]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Regulation 61-62.63, Subpart H, shall be revised as follows:

Subpart H - "National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks"

The provisions of 40 CFR Part 63 Subpart H, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart H			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 60	December 12, 1995	[60 FR 63624]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 64	April 26, 1999	[64 FR 20189]
Revision	Vol. 65	December 14, 2000	[65 FR 78268]
Revision	Vol. 66	January 22, 2001	[66 FR 6922]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Regulation 61-62.63, Subpart I, shall be revised as follows:

Subpart I - "National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks"

The provisions of 40 CFR Part 63 Subpart I, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart I			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	April 22, 1994	[59 FR 19402]
Revision	Vol. 59	September 20, 1994	[59 FR 48175]
Revision	Vol. 59	October 24, 1994	[59 FR 53359]
Revision	Vol. 59	October 28, 1994	[59 FR 54131]
Revision	Vol. 60	January 27, 1995	[60 FR 5321]
Revision	Vol. 60	April 10, 1995	[60 FR 18020]
Revision	Vol. 60	April 10, 1995	[60 FR 18026]
Revision	Vol. 61	February 29, 1996	[61 FR 7716]
Revision	Vol. 61	June 20, 1996	[61 FR 31435]
Revision	Vol. 62	January 17, 1997	[62 FR 2722]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

Regulation 61-62.63, Subpart M, shall be revised as follows:

Subpart M - "National Perchloroethylene Air Emission Standards for Dry Cleaning Facilities"

The provisions of 40 CFR Part 63 Subpart M, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart M			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 58	September 22, 1993	[58 FR 49354]
Revision	Vol. 58	December 20, 1993	[58 FR 66287]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 61	June 11, 1996	[61 FR 29485]
Revision	Vol. 61	September 19, 1996	[61 FR 49263]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	July 27, 2006	[71 FR 42724]
Revision	Vol. 71	September 21, 2006	[71 FR 55280]
Revision	Vol. 73	April 1, 2008	[73 FR 17252]
Revision	Vol. 73	July 11, 2008	[73 FR 39871]

Regulation 61-62.63, Subpart N, shall be revised as follows:

Subpart N - "National Emission Standards for Chromium Emissions from Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks"

The provisions of 40 CFR Part 63 Subpart N, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart N			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	January 25, 1995	[60 FR 4948]
Revision	Vol. 60	May 24, 1995	[60 FR 27598]
Revision	Vol. 60	June 27, 1995	[60 FR 33122]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 62	January 30, 1997	[62 FR 4463]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	July 19, 2004	[69 FR 42885]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 77	September 19, 2012	[77 FR 58220]

Regulation 61-62.63, Subpart O, shall be revised as follows:

Subpart O - "Ethylene Oxide Emission Standards for Sterilization Facilities"

The provisions of 40 CFR Part 63 Subpart O, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart O			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 6, 1994	[59 FR 62585]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 62	December 9, 1997	[62 FR 64736]
Revision	Vol. 63	December 4, 1998	[63 FR 66990]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 66	November 2, 2001	[66 FR 55577]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 7, 2006	[71 FR 17712]

Regulation 61-62.63, Subpart R, shall be revised as follows:

Subpart R - "National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)"

The provisions of 40 CFR Part 63 Subpart R, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart R			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 14, 1994	[59 FR 64303]
Revision	Vol. 60	February 8, 1995	[60 FR 7627]
Revision	Vol. 60	June 26, 1995	[60 FR 32912]
Revision	Vol. 60	August 18, 1995	[60 FR 43244]
Revision	Vol. 60	December 8, 1995	[60 FR 62991]
Revision	Vol. 61	February 29, 1996	[61 FR 7718]
Revision	Vol. 62	February 28, 1997	[62 FR 9087]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 68	December 19, 2003	[68 FR 70960]
Revision	Vol. 71	April 6, 2006	[71 FR 17352]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Regulation 61-62.63, Subpart S, shall be revised as follows:

Subpart S - "National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry"

The provisions of 40 CFR Part 63 Subpart S, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	April 15, 1998	[63 FR 18504]
Revision	Vol. 63	August 7, 1998	[63 FR 42238]
Revision	Vol. 63	September 16, 1998	[63 FR 49455]

40 CFR Part 63 Subpart S			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 63	December 28, 1998	[63 FR 71385]
Revision	Vol. 64	April 12, 1999	[64 FR 17555]
Revision	Vol. 65	December 22, 2000	[65 FR 80755]
Revision	Vol. 66	May 14, 2001	[66 FR 24268]
Revision	Vol. 66	October 16, 2001	[66 FR 52537]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 77	September 11, 2012	[77 FR 55698]

Regulation 61-62.63, Subpart T, shall be revised as follows:

Subpart T - "National Emission Standards for Halogenated Solvent Cleaning"

The provisions of 40 CFR Part 63 Subpart T, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart T			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 59	December 2, 1994	[59 FR 61801]
Revision	Vol. 59	December 30, 1994	[59 FR 67750]
Revision	Vol. 60	June 5, 1995	[60 FR 29484]
Revision	Vol. 63	May 5, 1998	[63 FR 24749]
Revision	Vol. 63	December 11, 1998	[63 FR 68397]
Revision	Vol. 64	July 13, 1999	[64 FR 37683]
Revision	Vol. 64	August 19, 1999	[64 FR 45187]
Revision	Vol. 64	October 18, 1999	[64 FR 56173]
Revision	Vol. 64	December 3, 1999	[64 FR 67793]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 65	September 8, 2000	[65 FR 54419]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 72	May 3, 2007	[72 FR 25138]

Regulation 61-62.63, Subpart X, shall be revised as follows:

Subpart X - "National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting"

The provisions of 40 CFR Part 63 Subpart X, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	June 23, 1995	[60 FR 32587]
Revision	Vol. 61	June 3, 1996	[61 FR 27785]
Revision	Vol. 61	December 12, 1996	[61 FR 65334]

40 CFR Part 63 Subpart X			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 62	June 13, 1997	[62 FR 32210]
Revision	Vol. 63	August 24, 1998	[63 FR 45007]
Revision	Vol. 64	January 29, 1999	[64 FR 4570]
Revision	Vol. 64	December 14, 1999	[64 FR 69637]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 77	January 5, 2012	[77 FR 556]

Regulation 61-62.63, Subpart Y, shall be revised as follows:

Subpart Y - "National Emission Standards for Marine Tank Vessel Loading Operations"

The provisions of 40 CFR Part 63 Subpart Y, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart Y			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	September 19, 1995	[60 FR 48388]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Regulation 61-62.63, Subpart CC, shall be revised as follows:

Subpart CC - "National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries"

The provisions of 40 CFR Part 63 Subpart CC, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	August 18, 1995	[60 FR 43260]
Revision	Vol. 60	September 27, 1995	[60 FR 49976]
Revision	Vol. 61	February 23, 1996	[61 FR 7051]
Revision	Vol. 61	June 12, 1996	[61 FR 29878]
Revision	Vol. 61	June 28, 1996	[61 FR 33799]
Revision	Vol. 62	February 21, 1997	[62 FR 7938]
Revision	Vol. 63	March 20, 1998	[63 FR 13537]
Revision	Vol. 63	May 18, 1998	[63 FR 27212]
Revision	Vol. 63	June 9, 1998	[63 FR 31361]
Revision	Vol. 63	August 18, 1998	[63 FR 44140]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 65	July 6, 2000	[65 FR 41594]
Revision	Vol. 66	May 25, 2001	[66 FR 28840]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

40 CFR Part 63 Subpart CC			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 74	October 28, 2009	[74 FR 55670]
Revision	Vol. 75	June 30, 2010	[75 FR 37730]
Revision	Vol. 76	July 18, 2011	[76 FR 42052]
Revision	Vol. 78	June 20, 2013	[78 FR 37133]

Regulation 61-62.63, Subpart DD, shall be revised as follows:

Subpart DD - "National Emission Standards for Hazardous Air Pollutants from Off-Site Waste and Recovery Operations"

The provisions of 40 CFR Part 63 Subpart DD, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart DD			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	July 1, 1996	[61 FR 34140]
Revision	Vol. 64	July 20, 1999	[64 FR 38950]
Revision	Vol. 66	January 8, 2001	[66 FR 1263]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart GG, shall be revised as follows:

Subpart GG - "National Emission Standards for Aerospace Manufacturing and Rework Facilities"

The provisions of 40 CFR Part 63 Subpart GG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	September 1, 1995	[60 FR 45956]
Revision	Vol. 61	February 9, 1996	[61 FR 4903]
Revision	Vol. 61	December 17, 1996	[61 FR 66227]
Revision	Vol. 63	March 27, 1998	[63 FR 15006]
Revision	Vol. 63	September 1, 1998	[63 FR 46526]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 65	December 8, 2000	[65 FR 76941]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart II, shall be revised as follows:

Subpart II - "National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)"

The provisions of 40 CFR Part 63 Subpart II, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart II			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 15, 1995	[60 FR 64330]
Revision	Vol. 61	June 18, 1996	[61 FR 30814]
Revision	Vol. 61	December 17, 1996	[61 FR 66226]
Revision	Vol. 65	October 17, 2000	[65 FR 61744]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	December 29, 2006	[71 FR 78392]
Revision	Vol. 72	February 27, 2007	[72 FR 8630]
Revision	Vol. 76	November 21, 2011	[76 FR 72050]

Regulation 61-62.63, Subpart JJ, shall be revised as follows:
Subpart JJ - "National Emission Standards for Wood Furniture Manufacturing Operations"

The provisions of 40 CFR Part 63 Subpart JJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 60	December 7, 1995	[60 FR 62930]
Revision	Vol. 62	June 3, 1997	[62 FR 30257]
Revision	Vol. 62	June 9, 1997	[62 FR 31361]
Revision	Vol. 63	December 28, 1998	[63 FR 71376]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 76	November 21, 2011	[76 FR 72050]

Regulation 61-62.63, Subpart KK, shall be revised as follows:

Subpart KK - "National Emission Standards for the Printing and Publishing Industry"

The provisions of 40 CFR Part 63 Subpart KK, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart KK			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	May 30, 1996	[61 FR 27132]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	May 24, 2006	[71 FR 29792]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Regulation 61-62.63, Subpart LL, shall be revised as follows:

Subpart LL - "National Emission Standards for Hazardous Air Pollutants for Primary Aluminum Reduction Plants"

The provisions of 40 CFR Part 63 Subpart LL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 62	October 7, 1997	[62 FR 52407]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	November 2, 2005	[70 FR 66280]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart SS, shall be revised as follows:

Subpart SS - "National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process"

The provisions of 40 CFR Part 63 Subpart SS, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart SS			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart TT, shall be revised as follows:

Subpart TT - "National Emission Standards for Equipment Leaks - Control Level 1"

The provisions of 40 CFR Part 63 Subpart TT, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart TT			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]

Regulation 61-62.63, Subpart UU, shall be revised as follows:

Subpart UU - "National Emission Standards for Equipment Leaks - Control Level 2 Standards"

The provisions of 40 CFR Part 63 Subpart UU, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63702]
Revision	Vol. 67	July 12, 2002	[67 FR 46258]

Regulation 61-62.63, Subpart WW, shall be revised as follows:

Subpart WW - "National Emission Standards for Storage Vessels (Tanks) - Control Level 2"

The provisions of 40 CFR Part 63 Subpart WW, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart WW			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol.67	July 12, 2002	[67 FR 46258]

Regulation 61-62.63, Subpart YY, shall be revised as follows:

Subpart YY - "National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards"

The provisions of 40 CFR Part 63 Subpart YY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 29, 1999	[64 FR 34854]
Revision	Vol. 64	November 22, 1999	[64 FR 63695]
Revision	Vol. 64	December 22, 1999	[64 FR 71852]
Revision	Vol. 66	November 2, 2001	[66 FR 55844]
Revision	Vol. 67	June 7, 2002	[67 FR 39301]
Revision	Vol. 67	July 12, 2002	[67 FR 46258, 46289]
Revision	Vol. 68	February 10, 2003	[68 FR 6635]
Revision	Vol. 70	April 13, 2005	[70 FR 19266]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 72	June 29, 2007	[72 FR 35663]

Regulation 61-62.63, Subpart EEE, shall be revised as follows:
Subpart EEE - "National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors"

The provisions of 40 CFR Part 63 Subpart EEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	June 19, 1998	[63 FR 33820]
Revision	Vol. 64	September, 30, 1999	[64 FR 52828]
Revision	Vol. 64	November 19, 1999	[64 FR 63209]
Revision	Vol. 65	July 10, 2000	[65 FR 42292]
Revision	Vol. 65	November 9, 2000	[65 FR 67268]
Revision	Vol. 66	May 14, 2001	[66 FR 24270]
Revision	Vol. 66	July 3, 2001	[66 FR 35087]
Revision	Vol. 66	October 15, 2001	[66 FR 52361]
Revision	Vol. 66	December 6, 2001	[66 FR 63313]
Revision	Vol. 67	February 13, 2002	[67 FR 6792]
Revision	Vol. 67	February 14, 2002	[67 FR 6968]
Revision	Vol. 67	December 19, 2002	[67 FR 77687]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	April 9, 2004	[69 FR 18801]
Revision	Vol. 70	June 14, 2005	[70 FR 34538]
Revision	Vol. 70	October 12, 2005	[70 FR 59402]
Revision	Vol. 70	December 19, 2005	[70 FR 75042]
Revision	Vol. 71	March 23, 2006	[71 FR 14655]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 71	October 25, 2006	[71 FR 62388]
Revision	Vol. 73	April 8, 2008	[73 FR 18970]
Revision	Vol. 73	October 28, 2008	[73 FR 64068]

Regulation 61-62.63, Subpart GGG, shall be revised as follows:

Subpart GGG - "National Emission Standards for Pharmaceuticals Production"

The provisions of 40 CFR Part 63 Subpart GGG, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart GGG			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 63	September 21, 1998	[63 FR 50280]
Revision	Vol. 65	August 29, 2000	[65 FR 52588]
Revision	Vol. 66	August 2, 2001	[66 FR 40121]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 70	May 13, 2005	[70 FR 25671]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]
Revision	Vol. 76	April 21, 2011	[76 FR 22566]

Regulation 61-62.63, Subpart JJJ, shall be revised as follows:

Subpart JJJ - "National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins"

The provisions of 40 CFR Part 63 Subpart JJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 61	September 12, 1996	[61 FR 48208]
Revision	Vol. 61	October 18, 1996	[61 FR 54342]
Revision	Vol. 62	January 14, 1997	[62 FR 1835]
Revision	Vol. 62	June 6, 1997	[62 FR 30993]
Revision	Vol. 62	July 15, 1997	[62 FR 37720]
Revision	Vol. 63	February 27, 1998	[63 FR 9944]
Revision	Vol. 63	March 31, 1998	[63 FR 15312]
Revision	Vol. 64	March 9, 1999	[64 FR 11536]
Revision	Vol. 64	June 8, 1999	[64 FR 30406]
Revision	Vol. 64	June 30, 1999	[64 FR 35023]
Revision	Vol. 65	June 19, 2000	[65 FR 38030]
Revision	Vol. 65	August 29, 2000	[65 FR 52319]
Revision	Vol. 65	October 26, 2000	[65 FR 64161]
Revision	Vol. 66	February 23, 2001	[66 FR 11233]
Revision	Vol. 66	February 26, 2001	[66 FR 11543]
Revision	Vol. 66	July 16, 2001	[66 FR 36924]
Revision	Vol. 66	August 6, 2001	[66 FR 40903]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	June 2, 2004	[69 FR 31008]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	December 22, 2008	[73 FR 78199]

Regulation 61-62.63, Subpart LLL, shall be revised as follows:

Subpart LLL - "National Emission Standards for Hazardous Air Pollutants from the Portland Cement Manufacturing Industry"

The provisions of 40 CFR Part 63 Subpart LLL, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart LLL			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 14, 1999	[64 FR 31898]
Revision	Vol. 64	September 30, 1999	[64 FR 52828]
Revision	Vol. 67	April 5, 2002	[67 FR 16614]
Revision	Vol. 67	December 6, 2002	[67 FR 72580]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	December 20, 2006	[71 FR 76518]
Revision	Vol. 75	September 9, 2010	[75 FR 54970]
Revision	Vol. 76	January 18, 2011	[76 FR 2832]
Revision	Vol. 78	February 12, 2013	[78 FR 10006]

Regulation 61-62.63, Subpart MMM, shall be revised as follows:

Subpart MMM - "National Emission Standards for Hazardous Air Pollutants for Pesticide Active Ingredient Production"

The provisions of 40 CFR Part 63 Subpart MMM, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart MMM			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 23, 1999	[64 FR 33550]
Revision	Vol. 66	November 21, 2001	[66 FR 58393, 58396]
Revision	Vol. 67	March 22, 2002	[67 FR 13508, 13514]
Revision	Vol. 67	May 1, 2002	[67 FR 21579]
Revision	Vol. 67	June 3, 2002	[67 FR 38200]
Revision	Vol. 67	September 20, 2002	[67 FR 59336]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart NNN, shall be revised as follows:

Subpart NNN - "National Emission Standards for Hazardous Air Pollutants for Wool Fiberglass Manufacturing"

The provisions of 40 CFR Part 63 Subpart NNN, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart NNN			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 14, 1999	[64 FR 31695]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart PPP, shall be revised as follows:

Subpart PPP - "National Emission Standards for Hazardous Air Pollutant Emissions for Polyether Polyols Production"

The provisions of 40 CFR Part 63 Subpart PPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 64	June 1, 1999	[64 FR 29420]
Revision	Vol. 64	June 14, 1999	[64 FR 31895]
Revision	Vol. 65	May 8, 2000	[65 FR 26491]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]

40 CFR Part 63 Subpart PPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 69	July 1, 2004	[69 FR 39862]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart RRR, shall be revised as follows:

Subpart RRR - "National Emission Standards for Hazardous Air Pollutant for Secondary Aluminum Production"

The provisions of 40 CFR Part 63 Subpart RRR, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart RRR			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 65	March 23, 2000	[65 FR 15690]
Revision	Vol. 67	June 14, 2002	[67 FR 41118]
Revision	Vol. 67	August 13, 2002	[67 FR 52616]
Revision	Vol. 67	September 24, 2002	[67 FR 59787]
Revision	Vol. 67	November 8, 2002	[67 FR 68038]
Revision	Vol. 67	December 30, 2002	[67 FR 79808]
Revision	Vol. 68	June 23, 2003	[68 FR 37334]
Revision	Vol. 69	September 3, 2004	[69 FR 53980]
Revision	Vol. 70	October 3, 2005	[70 FR 57513]
Revision	Vol. 70	December 19, 2005	[70 FR 75320]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart HHHH, shall be revised as follows:

Subpart HHHH - "National Emission Standards for Hazardous Air Pollutants for Wet-Formed Fiberglass Mat Production"

The provisions of 40 CFR Part 63 Subpart HHHH, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart HHHH			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 67	April 11, 2002	[67 FR 17824]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart ZZZZ, shall be revised as follows:

Subpart ZZZZ- "National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines"

The provisions of 40 CFR Part 63 Subpart ZZZZ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart ZZZZ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	June 15, 2004	[69 FR 33474]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	January 18, 2008	[73 FR 3568]
Revision	Vol. 75	March 3, 2010	[75 FR 9648]
Revision	Vol. 75	June 30, 2010	[75 FR 37732]
Revision	Vol. 75	August 20, 2010	[75 FR 51570]
Revision	Vol. 76	March 9, 2011	[76 FR 12863]
Revision	Vol. 78	January 30, 2013	[78 FR 6674]
Revision	Vol. 78	March 6, 2013	[78 FR 14457]

Regulation 61-62.63, Subpart EEEEE, shall be revised as follows:

Subpart EEEEE - "National Emission Standards for Hazardous Air Pollutants for Iron and Steel Foundries"

The provisions of 40 CFR Part 63 Subpart EEEEE, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	April 22, 2004	[69 FR 21906]
Revision	Vol. 70	May 20, 2005	[70 FR 29400]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]
Revision	Vol. 73	February 7, 2008	[73 FR 7210]

Regulation 61-62.63, Subpart PPPPP, shall be revised as follows:

Subpart PPPPP - "National Emission Standards for Hazardous Air Pollutants for Engine Test Cells/Stands"

The provisions of 40 CFR Part 63 Subpart PPPPP, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart PPPPP			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 68	May 27, 2003	[68 FR 28774]
Revision	Vol. 68	August 28, 2003	[68 FR 51830]
Revision	Vol. 71	April 20, 2006	[71 FR 20446]

Regulation 61-62.63, Subpart UUUUU, shall be revised as follows:

Subpart UUUUU - "National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units"

The provisions of 40 CFR Part 63 Subpart UUUUU, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart UUUUU			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 77	February 16, 2012	[77 FR 9304]
Revision	Vol. 77	April 19, 2012	[77 FR 23399]
Revision	Vol. 77	August 2, 2012	[77 FR 45967]
Revision	Vol. 78	April 24, 2013	[78 FR 24073]

Regulation 61-62.63, Subpart YYYYY, shall be revised as follows:

Subpart YYYYY - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Electric Arc Furnace Steelmaking Facilities"

The provisions of 40 CFR Part 63 Subpart YYYYY, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart YYYYY			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	December 28, 2007	[72 FR 74088]
Revision	Vol. 73	December 1, 2008	[73 FR 72727]
Revision	Vol. 74	February 26, 2009	[74 FR 8756]

Regulation 61-62.63, Subpart EEEEEE, shall be revised as follows:

Subpart EEEEEE - "National Emission Standards for Hazardous Air Pollutants for Primary Copper Smelting Area Sources"

The provisions of 40 CFR Part 63 Subpart EEEEEE, as originally published in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart EEEEEE			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 72	January 23, 2007	[72 FR 2930]
Revision	Vol. 72	July 3, 2007	[72 FR 36363]

Regulation 61-62.63, Subpart JJJJJJ, shall be added in alpha-numeric order as follows:

Subpart JJJJJJ - "National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers"

The provisions of 40 CFR Part 63 Subpart JJJJJJ, as originally published in the Federal Register and as subsequently amended upon publication in the Federal Register as listed below, are incorporated by reference as if fully repeated herein.

40 CFR Part 63 Subpart JJJJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Original Promulgation	Vol. 69	September 13, 2004	[69 FR 55217]
Revision	Vol. 70	December 28, 2005	[70 FR 76918]
Revision	Vol. 71	December 6, 2006	[71 FR 70651]
Revision	Vol. 76	March 21, 2011	[76 FR 15554]

40 CFR Part 63 Subpart JJJJJJ			
Federal Register Citation	**Volume**	**Date**	**Notice**
Revision	Vol. 76	March 21, 2011	[76 FR 15608]
Revision	Vol. 76	May 18, 2011	[76 FR 28662]
Revision	Vol. 78	January 31, 2013	[78 FR 7138]
Revision	Vol. 78	February 1, 2013	[78 FR 7488]

Statement of Need and Reasonableness:

This Statement of Need and Reasonableness was determined by staff analysis pursuant to S.C. Code Section 1-23-115(C)(1)-(3) and (9)-(11).

DESCRIPTION OF REGULATION: 61-62, Air Pollution Control Regulations and Standards.

Purpose: The United States Environmental Protection Agency ("EPA") promulgated amendments to national air quality standards in 2013. The recent federal amendments include clarification, guidance and technical revisions to state implementation plan ("SIP") requirements promulgated pursuant to 42 U.S.C. 7410 & 7413, New Source Performance Standards ("NSPS") mandated by 42 U.S.C. 7411, and federal National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories.

The Department has amended Regulation 61-62.5, Standard No. 2, Ambient Air Quality Standards, to codify recent federal amendments to the National Ambient Air Quality Standards for Fine Particulate Matter ("$PM_{2.5}$"), Sulfur Dioxide ("SO_2"), and Nitrogen Dioxide ("NO_2") set forth in 40 C. F. R. Part 50.

Additionally, the Department has amended Regulation 61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards, and Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants ("NESHAP") for Source Categories, to adopt federal amendments to these standards promulgated from January 1, 2013 through December 31, 2013.

The Department also made changes to Regulation 61-62 that includes corrections for internal consistency, clarification, reference, punctuation, codification, formatting, and spelling to improve the overall text of Regulation 61-62 as necessary.

Legal Authority: Clean Air Act, 42 U.S.C. Sections 7407, 7410, 7413, and 7416, and the South Carolina Pollution Control Act, 1976 Code Section 48-1-10 et seq.

Plan for Implementation: The amendments took effect upon approval by the Board of Health and Environmental Control on September 11, 2014, and publication in the *State Register* on September 26, 2014. These requirements are in place at the federal level and are currently being implemented. A copy of R.61-62, Air Pollution Control Regulations and Standards, that incorporates these amendments, will be made available electronically on the Department's website at http://www.scdhec.gov/Agency/RegulationsAndUpdates/LawsAndRegulations/Air/. The Department will also send an email to stakeholders and will communicate with affected facilities during the permitting process.

DETERMINATION OF NEED AND REASONABLENESS OF THE REGULATION BASED ON ALL FACTORS HEREIN AND EXPECTED BENEFITS:

The EPA promulgates amendments to 40 C.F.R. Parts 51, 52, 60, and 63 throughout each calendar year. Federal amendments in 2013 included new and revised NSPS rules, and NESHAPs for Source Categories. States are mandated by law to adopt these federal amendments. These amendments are reasonable as they promote consistency and ensure compliance with both state and federal regulations.

DETERMINATION OF COSTS AND BENEFITS:

There will be no increased cost to the State or its political subdivisions resulting from these revisions. The standards to be adopted are already applicable to the regulated community as a matter of federal law, thus the regulated community has already incurred the cost of these regulations. The amendments will benefit the regulated community by clarifying the regulations and increasing their ease of use.

UNCERTAINTIES OF ESTIMATES:

There are no uncertainties of estimates relative to the costs to the State or its political subdivisions.

EFFECT ON ENVIRONMENT AND PUBLIC HEALTH:

Adoption of the recent changes in federal regulations through the amendments to Regulation 61-62, Air Pollution Control Regulations and Standards, seeks to provide continued protection of the environment and public health.

DETRIMENTAL EFFECT ON THE ENVIRONMENT AND PUBLIC HEALTH IF THE REGULATIONS ARE NOT IMPLEMENTED:

The State's authority to implement federal requirements, which are beneficial to the public health and environment, could be compromised if these amendments were not adopted in South Carolina.

Document No. 4469
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
CHAPTER 61
Statutory Authority: 1976 Code Sections 44-55-10 et seq.

61-58. State Primary Drinking Water Regulations

Synopsis:

The United State Environmental Protection Agency (USEPA) promulgated a final rule in the Federal Register at 40 CFR Parts 141 and 142 on February 13, 2013 known as *Revisions to the Total Coliform Rule*. The rule is intended to offer a meaningful opportunity for greater public health protection beyond the 1989 *Total Coliform Rule*. Under the new rule, there is no longer a monthly maximum contaminant level (MCL) violation for total coliform detections. Instead, the revisions require systems that have an indication of coliform contamination in the distribution system to assess the problem and take corrective action. As required by Section 1413 of the federal Safe Drinking Water Act, states must revise its public drinking water program to include regulations that are no less stringent than the federal requirements in order to retain primary enforcement responsibility for the drinking water supervision program.

The Department has amended R.61-58, *State Primary Drinking Water Regulations*, to incorporate the above-described federal regulations to maintain conformity with federal requirements found in 40 CFR 141 and maintain primary enforcement authority for the drinking water supervision program. These amendments also revise R.61-58 to correct typographical errors and correct inaccurate references, also to maintain conformity with federal requirements.

These regulations are not subject to legislative review pursuant to S.C. Section 1-23-120(H)(1); as such, neither a fiscal impact statement nor assessment report is required.

Attachment 6

State Register Notice of Public Comment
October 24, 2014

Affecting Charleston County

Replacement and consolidation of MUSC's Pediatric & Perinatal Services through the construction of a new Children's Hospital and Women's Pavilion with no change in bed capacity.
Medical University of South Carolina Children's Hospital & Women's Pavilion
Charleston, South Carolina
Project Cost: $366,397,822

Affecting Greenville County

Construction of an addition to an existing dual diagnosis unit, renovation of an existing quiet activity room, and the addition of six (6) substance abuse beds.
UHS of Greenville, LLC d/b/a Carolina Center for Behavioral Health
Greer, South Carolina
Project Cost: $1,644,204

Construction and renovation for the addition of eight (8) psychiatric beds resulting in a bed capacity of twenty-one (21) substance abuse beds and one hundred twelve (112) psychiatric beds.
UHS of Greenville, LLC d/b/a Carolina Center for Behavioral Health
Greer, South Carolina
Project Cost: $1,826,631

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

NOTICE OF GENERAL PUBLIC INTEREST

NOTICE OF PUBLIC HEARING ON PROPOSED AMENDMENT TO AIR QUALITY STATE PLAN FOR DESIGNATED FACILITIES AND POLLUTANTS

Statutory Authority: The Clean Air Act, 42 U.S.C. Section 7401 et seq.;
C.F.R. Parts 60.26; S.C. Code Ann. Section 48-1-10 et seq. (2008 & Supp. 2013)

NOTICE IS HEREBY GIVEN, the South Carolina Department of Health and Environmental Control proposes to submit certification to the U.S. Environmental Protection Agency (EPA) that it has met the obligation of Clean Air Act (CAA) sections 111 and 129 for commercial and industrial solid waste incinerator (CISWI) unit plans. 40 CFR 60.

Opportunity for Public Comment:

The South Carolina Department of Health and Environmental Control (Department) is publishing this Notice of Public Hearing to provide interested persons the opportunity to comment on the Department's submittal to the U.S. Environmental Protection Agency (EPA) to meet Clean Air Act (CAA) sections 111 and 129 obligations. On February 7, 2013, the EPA promulgated final rules for commercial and industrial solid waste incinerator (CISWI) units (*Federal Register* [78 FR 9112]) pursuant to the requirements of section 111 and 129 of the CAA. In accordance with section 129 of the CAA, each state in which an existing source is operating is required to submit to the EPA a plan to implement and enforce the emission guidelines within one year from the date of promulgation. Pursuant to 40 CFR 60.23, the Department is hereby giving notice to the public of a public hearing to be held on November 24, 2014, at 10:00 a.m., in the Wallace Room of the Sims Building, 2600 Bull Street, Columbia, South Carolina regarding the submittal of this plan. The public is also invited to submit comments in writing before the public hearing. To be considered, comments must be received by 5:00 p.m. on November 24, 2014, the close of the comment period. Comments should be submitted to Marie Brown, Regulation and SIP Management Section, Bureau of Air Quality, 2600 Bull Street, Columbia, SC

29201. Interested persons may also contact Marie Brown via phone at (803) 898-1796 or email at brownmf@dhec.sc.gov for more information.

Background:

The rules for CISWI units were made final in the February 7, 2013, *Federal Register* [78 FR 9112], and were codified under 40 CFR part 60, NSPS subparts CCCC and DDDD. The rules for new sources (CCCC) are referred to as New Source Performance Standards (NSPS) while rules for existing sources (DDDD) are referred to as Emission Guidelines (EG).

On September 11, 2014, South Carolina Regulation 61-62.60, *South Carolina Designated Facility Plan and New Source Performance Standards (NSPS)*, was amended to incorporate the aforementioned changes to 40 CFR Part 60 Subparts CCCC and DDDD by reference. These amendments establish emission limits and other requirements for CISWI units, and implement and provide for enforcement of the various Emission Guidelines promulgated by the EPA. These amendments were approved during a public hearing conducted by the Board of the South Carolina Department of Health and Environmental Control and were state effective upon publication in the *State Register* on September 26, 2014.

Purpose:

In accordance with section 129 of the CAA, each state in which an existing CISWI unit is operating is required to submit to the EPA a plan to implement and enforce the emission guidelines within one year from the date of promulgation. This plan consists of applicable compliance and enforcement regulations, a list of affected sources, and emissions inventories for these sources. The Department is proposing to certify that it has addressed the requirements of sections 111 and 129 and regulations under 40 CFR Part 60 for CISWI units with the submittal of this plan.

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

NOTICE OF GENERAL PUBLIC INTEREST

DHEC-BUREAU OF LAND AND WASTE MANAGEMENT, FILE #403894
F.B. JOHNSTON GRAPHICS SITE

NOTICE OF VOLUNTARY CLEANUP CONTRACT, CONTRIBUTION PROTECTION, AND COMMENT PERIOD

PLEASE TAKE NOTICE that the South Carolina Department of Health and Environmental Control (DHEC) intends to enter into a Voluntary Cleanup Contract (VCC) with Illinois Tool Works, Inc. (Responsible Party). The VCC provides that the Responsible Party, with DHEC's oversight, will fund and perform future response actions at the F.B. Johnston Graphics facility located in Lexington County, 300 East Boundary Street, Chapin, South Carolina, and any surrounding area impacted by the migration of hazardous substances, pollutants, or contaminants from the facility property (Site).

Future response actions addressed in the VCC include, but may not be limited to, the Responsible Party funding and performing: additional assessment activities to further delineate the source, nature, and extent of the release or threat of release of hazardous substances, pollutants, or contaminants and, if necessary, conduct a Feasibility Study to evaluate alternatives to clean-up the Site. Further, the Responsible Party will reimburse the Department's past costs of response of $2,736.29 and the Department's future costs of overseeing the work performed by the Responsible Party and other Department costs of response pursuant to the VCC.

Attachment 7

Department Letter to the EPA Outlining Delayed Submission of CISWI Plan

D H E C
PROMOTE PROTECT PROSPER
Catherine B. Templeton, Director
Promoting and protecting the health of the public and the environment

February 10, 2014

Mr. Stan Kukier
US EPA, Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, GA 30303

Re: Clean Air Act (CAA) Section 111/129 Plan for Commercial Industrial Solid Waste Incinerators (CISWI)

Dear Mr. Kukier:

As you are aware, the final rule for CISWI units was published in the *Federal Register* on February 7, 2013, (78 FR 9112) under 40 CFR Part 60, Subparts CCCC and DDDD. In accordance with sections 111(d) and 129(b) of the CAA, each state in which an existing source is operating is required to submit to the EPA a plan to implement and enforce the emission guidelines in 40 CFR Part 60 Subpart DDDD and that these plans be submitted to the EPA for approval by February 7, 2014, 1 year after rule promulgation.

The Department has begun the process of developing the required 111/129 plan, however, based upon the authority afforded to it by the EPA,[1] emission guidelines at 40 CFR Part 60 are formally adopted into state regulations as part of an annual procedure referred to as the End-of-Year (EOY) revisions. These EOY revisions incorporate by reference federal amendments published from January 1 through December 31 for the preceding calendar year. Per this process, the final CISWI Rule, having been promulgated in 2013, will not be incorporated into SC Regulation 61-62.60 until Fall 2014.

As was explained to us by Region 4 staff in previous 111/129 plans,[2] in order to have our 111/129 plan approved, we must have in regulation the emission guidelines at 40 CFR Part 60, Subpart DDDD. The problem is, as we stated, that these emission guidelines won't be adopted in our regulations until mid-to-late 2014.

To account for this delay, the Department recommends the following proposed action:

- We will incorporate by reference the emission guidelines in 40 CFR Part 60 Subpart DDDD as part of our 2013 EOY revisions, which are to be completed in the mid-to-late 2014 timeframe. As per this action, we acknowledge that we will not meet the deadline to submit the 111/129 plan for CISWI units in February 2014.
- The public hearing that will take place, as part of the formal procedures to conduct the 2013 EOY revisions that will include the incorporation by reference of 40 CFR Part 60 Subpart DDDD into regulation, will suffice as the required public notice for the CISWI 111/129 plan.
- The mechanism for plan approval is to ensure that our state regulation(s) are as stringent as the federal rule. Approval of the plan will be based only on the regulations that incorporated the federal emissions guidelines, thereby alleviating the need to include detailed permit conditions for affected sources.

[1] On March 27, 2011, the EPA published a Federal Register notice (66 FR 16606) granting South Carolina adopt-by-reference NSPS delegation. "With this NSPS delegation mechanism in place, an NSPS promulgated by EPA will become effective in South Carolina on the date the NSPS is adopted if the State agency adopts the NSPS without change.

[2] See *Clean Air Act (CAA) Section 111/129 Plan for Sewage Sludge Incinerator Rule*, Submitted to EPA Region IV, February 17, 2012.

Finally, we certainly appreciate the flexibility given us under the circumstances, and will make every effort to complete the regulatory process and submission of the required plan for the CISWI Rule as quickly possible. If you have any questions regarding this letter, please contact Andy Hollis by telephone at (803) 898-4196 or email at hollisao@dhec.sc.gov, or me by telephone at (803) 898-2230 or email at masonmr@dhec.sc.gov.

Sincerely,

Maeve S. R. Mason, Manager
Regulation and SIP Management Section
Bureau of Air Quality

ec: Toni Jones, Fuels and Incineration Group, EPA OAQPS
Amy Hambrick, Fuels and Incineration Group, EPA OAQPS
Michelle Notarianni, Regulatory Development Section, EPA Region 4
Robert J. Brown, Director, Division of Air Assessment & Regulation, BAQ, SC DHEC
Lynn Barnes, Manager, Emissions Inventory Section, BAQ, SC DHEC
Veronica Barringer, Manager, Coastal Plain & Power Permitting Section, BAQ, SC DHEC

Attachment 8

South Carolina's Legal Authority to Adopt and Implement 111(d)/129 State Plan

LEGAL AUTHORITY

No plan for attaining a goal, the attainment of which is dependent upon regulatory action, can be used with any degree of effectiveness unless the legal framework is strong. Consequently, the Requirements for Preparation, Adoption, and Submittal of Implementation Plans, 40 CFR 60.26, as amended, define the necessary statutory powers which must be immediately available to states to carry out the responsibility to the Clean Air Act.

40 CFR 60.26 sets forth six specific requirements for state authority. The South Carolina Pollution Control Act, Act 1157 of 1970, as amended, S. C. Code Sections 48-1-10 thru -350 (1976), provides the State's authority to respond to these requirements. The following statutes and regulations are available to the state at the time of submission of this plan.

Legal Authority Required 40 CFR 60.26	Adequacy of S. C. Law	S. C. Statutes Involved
(a)(1) "Adopt emission standards and compliance schedules applicable to designated facilities."	Adequate	S. C. Code Secs. 48-1-20, 48-1-50(23)
(a)(2) "Enforce applicable laws, regulations, standards & compliance schedules, and seek injunctive relief."	Adequate	S. C. Code Sec. 48-1-50(1), (3), (4), (5), (11); Secs. 48-1-120, 48-1-130, 48-1-210, 48-1-320, 48-1-330.
(a)(3) "Obtain information necessary to determine whether designated facilities are in compliance with applicable laws, regulations, standards, and compliance schedules, including authority to require recordkeeping and to make inspections and conduct tests of designated facilities."	Adequate	S. C. Code Sec. 48-1-50(10), (20), (22), (24).
(a)(4) " Require owners or operators of designated facilities to install, maintain, and use emission monitoring devices and to make periodic reports to the State on the nature and amounts of emissions from such facilities; also authority for the State to make such data available to the public as reported and as correlated with applicable emission standards."	Adequate	S. C. Code Secs. 48-1-50(22), 48-1-270.

Public Hearings

The South Carolina Pollution Control Act provides for notice and public hearings prior to action by the Board of Health and Environmental Control concerning adoption of regulations and standards, adoption or modification of final compliance dates, and other specified legal actions.

Additionally, Act 176 of 1977 enacted by the South Carolina General Assembly requires, among other things, that at least thirty days public notice be given before adoption, amendment or repeal of any rule. It also requires that the substance of the intended action or a description of the subjects and issues involved be made known. While this act escapes the actual requirement for a public hearing in each case, the two Acts taken together do impose the requirement of a thirty days notice of public hearing, assuring compliance with the requirements of 40 CFR 51.102 as amended.

Public Availability of Information

The South Carolina Pollution Control Act provides for the public availability of any records, report or information obtained under the provisions of the Act. However, upon a showing satisfactory to the Department that records, reports or information, other than effluent or emission data, if made public would divulge methods or processes entitled to protection as trade secrets of the source, the Department shall consider such data confidential.

All source data are kept on file at the offices of the Bureau of Air Quality Control, Department of Health and Environmental Control, 2600 Bull Street, Columbia, South Carolina, and are available to the public at this location, Monday through Friday, between the hours of 8:30 a.m. and 5:00 p.m. Such data are retained in the Permit, Source Test, and Emission Inventory Files.

The files contain information as to the source emissions, and these emissions are depicted in comparison to the applicable emission standards or limitations as stated in the Air Pollution Control Regulations and Standards for the State of South Carolina.